

Anti-Phospho-BRAF (Thr401) Rabbit Monoclonal Antibody

Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Frequently mutated in thyroid cancers, skin melanomas and at lower frequency in a wide range of human cancers. An activating mutation, mimicking phosphorylation of the activation loop, is seen in 60% of malignant melanoma samples. Raf mutations are generally exclusive to Ras activating mutations.

Product parameters

Gene ID673Gene NameBRAFSwissProt ID HostP15056 RabbitHostP15056 RabbitReactivityHuman, Mouse, RatMolecular WeightCalculated MW: 84 kDa; Observed MW: 84 kDaConjugationUnconjugatedEm-Fm-ModificationPhosphorylatedClonalityIgGIsotypeMonconal AntibodyClonality No.AP-18D5F12ConcentrationSee labelConcentrationSee labelCarrierCarrier Not FreePurificationAsynthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationBilfer SystemBuffer SystemSomM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB: I/500-1/1000 IP: 1/20Research FieldCell Biology	Alternative Names	BRAF; BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1
SwissProt ID Host P15056 Rabbit Host Rabbit Reactivity Human, Mouse, Rat Molecular Weight Calculated MW: 84 kDa; Observed MW: 84 kDa Conjugation Unconjugated Ex - Em - Modification Phosphorylated Modification Phosphorylated Isotype Moncolanal Antibody Clonality IgG Isotype Moncolanal Antibody Concentration See label Carrier Carrier Not Free Immunogen A synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B Raf Purification Minity Purified Buffer System Som Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. Application WB, IP Dilution Ratio WB: 1/500-1/1000 IP: 1/20	Gene ID	673
Host Rabbit Reactivity Human, Mouse, Rat Molecular Weight Calculated MW: 84 kDa; Observed MW: 84 kDa Conjugation Unconjugated Ex - Em - Modification Phosphorylated Clonality IgG Isotype Monoclonal Antibody Clonality No. AP-18D5F12 Form Liquid Concentration See label Carrier Carrier Not Free Immunogen A synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B Raf Purification Afinity Purified Buffer System 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. Application WB, IP Dilution Ratio WB: 1/500-1/1000 IP: 1/20	Gene Name	BRAF
ReactivityHuman, Mouse, RatMolecular WeightCalculated MW: 84 kDa; Observed MW: 84 kDaConjugationUnconjugatedEx-Em-ModificationPhosphorylatedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-18D5F12FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer SystemSomM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB; I/500-1/1000 IP: 1/20	SwissProt ID	P15056
Molecular Weight Calculated MW: 84 kDa; Observed MW: 84 kDa Conjugation Unconjugated Ex - Em - Modification Phosphorylated Clonality IgG Isotype Monoclonal Antibody Clonality No. AP-18D5F12 Form Liquid Concentration See label Carrier Carrier Not Free Immunogen A synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B Raf Purification Affinity Purified Buffer System 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. Application WB, IP Dilution Ratio WB: 1/500-1/1000 IP: 1/20	Host	Rabbit Unknown
ConjugationUnconjugatedEx-Em-ModificationPhosphorylatedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-18D5F12LiquidLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationSom Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Reactivity	Human, Mouse, Rat
Ex-Em-ModificationPhosphorylatedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-18D5F12FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Molecular Weight	Calculated MW: 84 kDa; Observed MW: 84 kDa
Em-ModificationPhosphorylatedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-18D5F12Clonality No.AP-18D5F12FormLiquidConcentrationSee labelCarrier Not FreeAPBERICImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Conjugation	Unconjugated
ModificationPhosphorylatedClonalityIgGIsotypeMonoclonal AntibodyClonality No.AP-18D5F12FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Ex	-
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IsotypeMonoclonal AntibodyClonality No.AP-18D5F12FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Modification	Phosphorylated
Clonality No.AP-18D5F12FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Clonality	lgG
FormLiquidConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Isotype	Monoclonal Antibody
ConcentrationSee labelCarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Clonality No.	AP-18D5F12
CarrierCarrier Not FreeImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Form	Liquid
ImmunogenA synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B RafPurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Concentration	See label
PurificationAffinity PurifiedBuffer System50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.ApplicationWB, IPDilution RatioWB: 1/500-1/1000 IP: 1/20	Carrier	Carrier Not Free
Buffer System 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. Application WB, IP Dilution Ratio WB: 1/500-1/1000 IP: 1/20	Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Thr401 of human B Raf
Application WB, IP Dilution Ratio WB: 1/500-1/1000 IP: 1/20	Purification	Affinity Purified
Dilution Ratio WB: 1/500-1/1000 IP: 1/20	Buffer System	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
	Application	WB, IP
Research Field Cell Biology	Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
	Research Field	Cell Biology

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol



Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





