

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 |
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| 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 | - |
| ClonalityIgGIsotypeMonoclonal 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 | Em | - |
| 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.





