

Anti-V5 Tag Mouse Monoclonal Antibody

Introduction

The V5 epitope tag is derived from a small antigenic epitope (Pk) on the P and V proteins of simian virus 5 (SV5, a paramyxovirus), with the core sequence GKIPNPLLGLDST. Due to its high immunoreactivity and stability, this tag is widely used for recombinant protein detection, especially for transmembrane proteins and secreted proteins that are difficult to label with conventional tags. This antibody was generated by immunizing animals with a synthetic peptide (GKIPNPLLGLDST) conjugated to keyhole limpet hemocyanin (KLH). It is a mouse monoclonal antibody that has been validated for Western Blot (WB) and can be used to detect the expression levels of V5-tagged fusion proteins.

Product parameters

Alternative Names	V5 tag
Gene ID	-
Gene Name	-
SwissProt ID	-
Host	Mouse
Reactivity	Species-independent
Molecular Weight	Predicted band size:48 kDa Observed band size:58 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-1B7E11
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Synthetic peptide of V5 tag (GKIPNPLLGLDST).
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB

Dilution Ratio	WB-1:1000-1:10000
Research Field	Tags & Cell Markers
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.

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