

Mouse anti-V5 tag V5 Monoclonal Antibody | anti-V5 antibody

Anti-V5 tag Antibody, Mouse Monoclonal

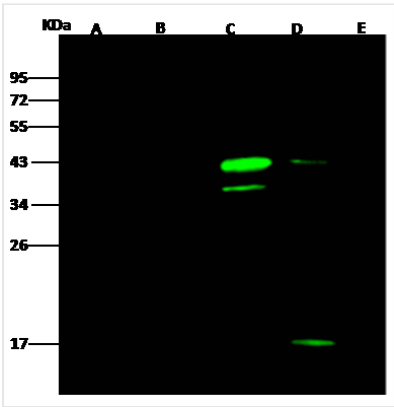
CATALOG # AAA254210	HOST Mouse	REACTIVITY V5 tag	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

V5; Monoclonal Antibody; Anti-V5 tag Antibody; Mouse Monoclonal; Anti-V5 Tag Antibody; Mouse Mab; anti-V5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	V5 tag
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	03
Specificity	Recognize N-terminal and C-terminal V5 Tag in fusion proteins
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-V5 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the V5 tag sequence (GKIPNPLLGLDST)
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with a synthetic peptide corresponding to the V5 tag sequence (GKIPNPLLGLDST). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-V5 Tag mouse monoclonal antibody at 1:500 dilution.Lane A: his-ARG1-V5 transfected 293 cell Lysate(60ug)Lane B: mFABP4-V5-his transfected 293 cell Lysate(60ug)Lane C: V5-ARG1-his transfected 293 cell Lysate(10ug)Lane D: V5-mFABP4-his transfected 293 cell Lysate(20ug)Lane E: Negative control transfected 293 cell Lysate(30ug)SecondaryGoat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.

ADDITIONAL INFORMATION

Related Product Information for anti-V5 antibody	The V5 epitope tag has a 14-amino-acid sequence (GKIPNPLLGLDST) which is derived from simian parainfluenza virus type 5 (SV5). The V5 epitope tag is used to label a protein of interest so that the tagged protein can be analyzed and visualized. Anti-V5 epitope tag antibody products recognize and detect V5-tagged proteins without a protein-specific antibody or probe in several immunochemical assays such as Western Blotting, ELISAs and immunostaining techniques.
References	Zhao X, et al. (2013) Several affinity tags commonly used in chromatographic purification. J Anal Methods Chem 2013 581093.Monti M, et al. (2007) Functional proteomics: Protein-protein interactions in vivo. Ital J Biochem 56 (4): 310-314.Brothers SP, et al. (2003) Unexpected effects of epitope and chimeric tags on gonadotropin-releasing hormone receptors: Implications for understanding the molecular etiology of hypogonadotropic hypogonadism. J Clin Endocrinol Metab 88 (12): 6107-6112.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.