

Catalog #: T017

Aliases

V5-tag; GKIPNPLLGLDST epitope tag; GKIPNPLLGLDST tag; Protein Rev; Regulator of expression of viral proteins; rev; V5 epitope tag

Background

The V5-tag is a short, artificial peptide sequence (GKIPNPLLGLDST) derived from a small epitope present in the P and V proteins of the paramyxovirus simian virus 5 (SV5). It is genetically engineered and fused to either the N-terminus or C-terminus of a recombinant protein of interest, primarily serving as an epitope tag. Unlike affinity tags like the His-tag, its main purpose is not purification but rather highly specific detection and localization.

Application Information

Molecular Weight: Recombinant protein dependent

Clonality: Mouse monoclonal antibody

Species Reactivity: Recombinant protein

Applications Tested: Western Blotting (WB), immunocytochemistry (IC), immunoprecipitation (IP)

Immunogen

A synthesized peptide derived from V5-Tag

Storage Buffer

Supplied in PBS (pH7.4) containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:2,000-1:5,000

Immunocytochemistry (IC): 1:200-1:1,000

Immunoprecipitation (IP): 1:100-1:200

Note: This product is for research use only.

Validation Data

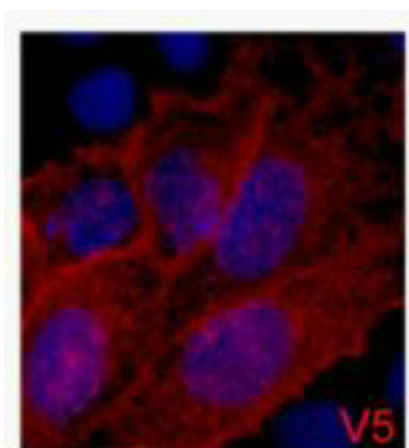
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Immunocytochemical analysis of 293 cells transfected with a V5-tag protein(1:2,000). Blue: DAPI, red: anti-V5.



1 μ g V5 fusion protein+Primary antibody dilution at 1 (1:5,000), 2 (1:10,000).