

Anti-V5 Tag Recombinant Rabbit Monoclonal Antibody



Catalog #: T003

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

Clone ID: 25GB7075

Species Reactivity: Recombinant protein

Applications Tested: Western blotting (WB)

Immunogen

Recombinant protein of V5 tag

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:2,000-1:10,000

Note: This product is for research use only.

Validation Data

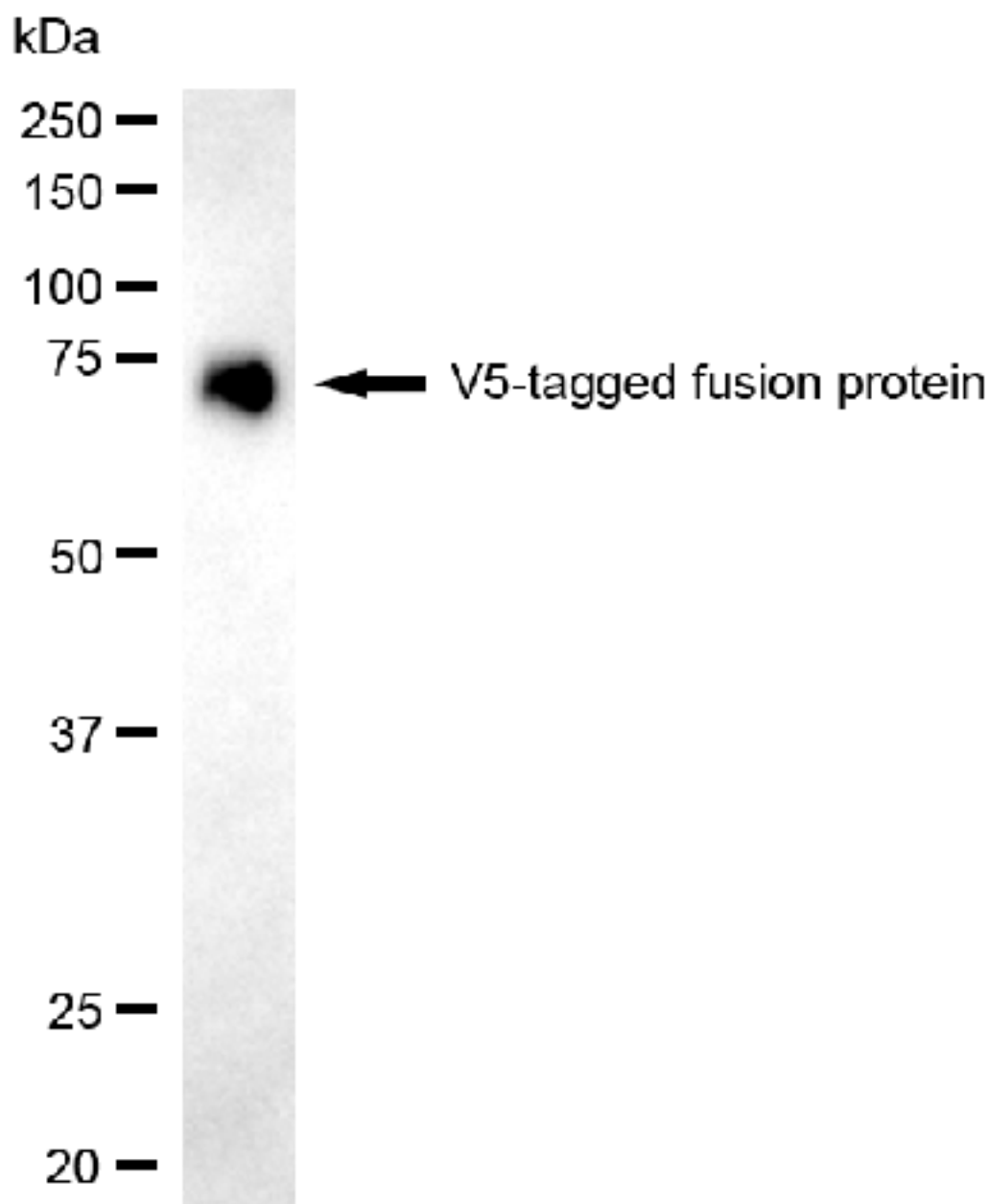
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Western blotting analysis using anti-V5-tag antibody (Cat#T003). Recombinant multi-tag protein (5 ng) in E. coli were loaded and separated by SDS-PAGE. The blot was incubated with anti-V5-tag antibody (Cat#T003, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).