
Product Information

Product SKU:	CABE126	Gene ID:	-	Size:	20uL, 100uL
Clone No:	-	Host Species:	Alpaca	Reactivity:	-

Additional Information

Observed MW:	35kDa/48kDa	Conjugate:	Magnetic Beads
Calculated MW:	-	Isotype:	VHH

Immunogen Information

Background: FLAG-tag, or FLAG octapeptide, or FLAG epitope, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology, having the sequence motif DYKDDDDK. It has been used for studying proteins in living cells and for protein purification by affinity chromatography. It has been used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits, because its mild purification procedure tends not to disrupt such complexes. It has been used to obtain proteins of sufficient purity and quality to carry out 3D structure determination by x-ray crystallography. A FLAG-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against a given protein, adding a FLAG-tag to a protein allows the protein to be studied with an antibody against the FLAG sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis and Western blotting.

Recommended Dilution: IP, 30µl-50µl Magnetic Beads for 100µg-300µg extracts of whole cells

Synonyms: DDDDK; DDDDK tag; DDDDK-tag

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to DDDDK tag.

Storage: Store at 4°C. Avoid freeze / thaw cycles. Buffer: 0.03% sodium azide, 20% ethanol