

DDDDK-Tag(binds to flag sequence) rabbit pAb**Cat#: orb763953 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	DDDDK-Tag(binds to flag sequence) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IP;IF
Species Cross-Reactivity	Species independent
Recommended dilutions	Western Blot: 1/1000 - 1/3000. ELISA: 1:5000-20000. Not yet tested in other applications.
Immunogen	DDDDK synthetic peptide conjugated to KLH.
Specificity	FLAG-tag Polyclonal Antibody detects FLAG-tagged recombinant proteins or FLAG-tagged proteins overexpressed in cells.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.05% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	
Gene Name	Flag tag; Flag-tag, DDDDK TAG, DDDDK-TAG, DYKDDDDK tag, DYKDDDDK-tag
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration 1 mg/ml

Observed band

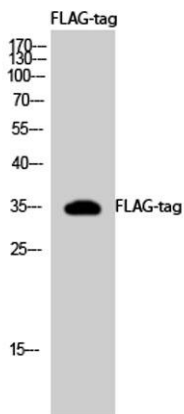
Human Gene ID

Human Swiss-Prot Number

Alternative Names DDDDK epitope tag; DDDDK epitope tag; DYKDDDDK epitope tag

Background

The DYKDDDDK (FLAG) peptide has been used extensively as a general tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion. N-terminal FLAG vectors provide an Ek cleavage site for removal of the fusion tag. The FLAG peptide is likely to be located on the surface of a fusion protein because of its hydrophilic nature. As a result, the FLAG peptide is more likely to be accessible to antibodies. A FLAG-tag can be used in many different assays that require recognition by an antibody, such as western blotting, immunocytochemistry, immunoprecipitation, flow cytometry, protein purification, and in the study of protein-protein interactions, cell ultrastructure, and protein localization and so on.



Western Blot analysis using FLAG-tag Polyclonal Antibody against HEK293 cells transfected with vector overexpressing FLAG tag (1) and untransfected (2). Secondary antibody(catalog#:RS0002) was diluted at 1:20000