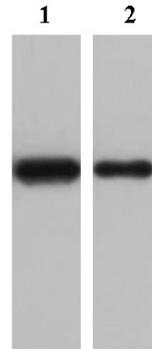


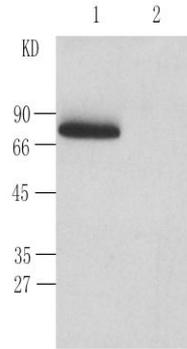
The FLAG-Tag is an epitope, which does not interfere with the bioactivity or the cellular localization of the recombinant protein. It is used extensively as a general epitope tag in expression vectors. This FLAG-Tag antibody can recognize C-terminal, internal, and N-terminal FLAG-Tagged proteins.

Product Information

Catalogue No.	M2001
Host Species	Mouse
Clonality	Monoclonal
Isotype	IgG1
Immunogen	Synthetic DYKDDDDK peptide coupled to KLH
Antigen MW	Depends on tagged protein
Species Reactivity	n/a
Format	Purified IgG1 in PBS + 50% glycerol + 0.02% NaN ₃
Concentration	1 mg/ml
Quantity	100 µg
Intended use	For research use only



Western blot analysis of FLAG-Tag fusion protein with FLAG-Tag mouse mAb diluted at 1:2,000 (lane 1) and 1:5,000 (lane 2).



IP analysis of FLAG-Tag fusion protein:
1- 293T cell lysate transfected with FLAG-Tag fusion protein,
2- Untransfected 293T cell lysate.

Applications

		Positive	Controls	Negative	Recommended* Dilution
IP Immunoprecipitation	Yes	FLAG fusion protein		Untransfected cell lysates	1:100 – 1:500
WB Western Blotting	Yes	FLAG fusion protein		Untransfected cell lysates	1:1,000 – 1:10,000
IHC (P) Immunohistochemistry (Paraffin)	n.t.	n.t.		n.t.	n.t.
IHC (F) Immunohistochemistry (Frozen)	n.t.	n.t.		n.t.	n.t.
IF Immunofluorescence	Yes	FLAG fusion protein		Untransfected cell lysates	1:200 – 1:1,000
ELISA	n.t.	n.t.		n.t.	n.t.

n.t. – antibody not tested for this application.

*Recommended dilutions are given as a guide only. Users should optimize antibody dilutions for their specific applications.

Storage

Caution: this product contains sodium azide (0.02 % NaN₃).

Freezing at -20°C in small aliquots is the optimal storage condition. Aliquotting minimizes damage due to freezing and thawing, as well as contamination introduced by pipetting from a single vial multiple times. Aliquots should be frozen and thawed only once, with any remainder kept at 4°C.

This product is stable for 12 months at -20°C.