

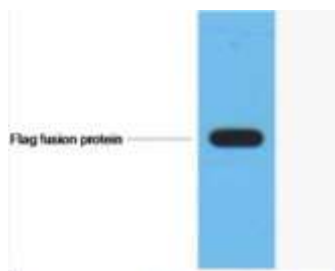
Flag-Tag Mouse Monoclonal Antibody

OPM1000

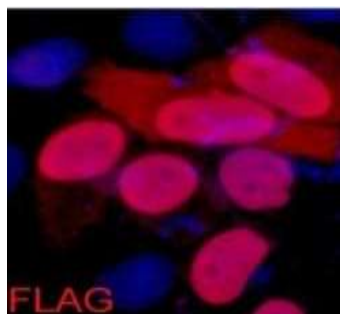
Reactivity	N/A	Storage	-20°C, Avoid freeze/ thaw cycles
Host	Mouse	Applications	WB, IP, IF
Isotype	IgG1	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



1µg Flag fusion protein+ Primary antibody dilution at:10000



IF analysis of 293 cells transfected with Flag-tag protein using anti-Flag Tag Mouse Monoclonal antibody at a:2000 dilution (blue DAPI, red anti-Flag).

Immunogen Information

Immunogen	synthetic peptide
Swissprot	N/A
Synonyms	N/A

Product Information

Observed MW	N/A
Buffer	PBS containing 50% glycerol and 0.02% sodium azide pH 7.4.
Dilution	WB:1/5000, IP:1/200, IF:1/2000

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

The DYKDDDDK peptide (Flag-tag) is a small component of an epitope which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. It has been used extensively as a general epitope tag in expression vectors. It can be used for affinity chromatography then 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. A Flag-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against the studied protein adding a Flag-tag to this protein allows one to follow the protein with an antibody against the Flag sequence.

Research Use

For research use only, not for use in diagnostic procedure.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z- Zebrafish; X-Xenopus; C-Cow,Fs- fish.

Please contact Origin Diagnostics and Research for further assistance

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