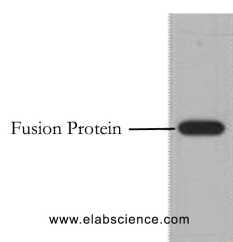


## Flag-Tag Monoclonal Antibody

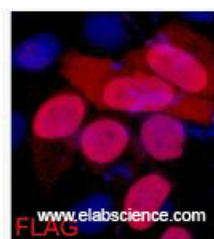
<b>Catalog No.</b>	E-AB-20006	<b>Reactivity</b>	
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Mouse
<b>Applications</b>	WB,IF,IP	<b>Isotype</b>	IgG

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

### Images



Western Blot analysis of 1ug Flag fusion protein using Flag-Tag Monoclonal Antibody at dilution of 1:10000.



Immunofluorescence analysis of 293 cells transfected with a Flag tag protein tissue using Flag-Tag Monoclonal Antibody at dilution of 1:2000.

### Immunogen Information

<b>Immunogen</b>	Synthetic Peptide
<b>Synonyms</b>	DDDDK epitope tag, DDDDK epitope tag, DYKDDDDK epitope tag

### Product Information

<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
<b>Purify</b>	Protein A purification
<b>Clone No.</b>	Clone:4A2
<b>Dilution</b>	WB 1:5000-1:10000, IF 1:500-1:2000, IP 1:100-1:300

### Background

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. 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.

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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.