



## POLYCLONAL ANTIBODY

*For research use only. Not for clinical diagnosis.***Catalog No. BAM-60-031-EX****Anti- DYKDDDDK tag****BACKGROUND**

Epitope tagging has become a powerful tool for detection and purification of expressed proteins. Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence.

Anti-epitope tag antibodies are useful for identification, immunoprecipitation or immunoaffinity-purification of a recombinant protein.

Anti-FLAG (DYKDDDDK)-tag polyclonal antibody was raised by immunizing a rabbit with the peptide DYKDDDDK conjugated to KLH.

<b>Product type</b>	Primary antibodies
<b>Host</b>	Rabbit
<b>Source</b>	
<b>Form</b>	Liquid
	Antiserum added with 0.05% sodium azide
<b>Volume</b>	100 µl
<b>Concentration</b>	
<b>Specificity</b>	This antibody recognizes FLAG-tagged fusion proteins.
<b>Antigen</b>	DYKDDDDK cross-linked to KLH
<b>Clone</b>	1A5
<b>Isotype</b>	Rat IgG1 kappa
<b>Cross reactivity</b>	Specific to GFP and GFP-fused proteins
<b>Storage</b>	Shipped at 4°C and stored at -20°C

**Application notes** WB, ELISA**Recommended use****Recommended dilutions**

Western blotting (dilution: 1/2,000)

ELISA (assay dependent)

Optimal dilutions/concentrations should be determined by the end user.

**Staining Pattern****References**

1)Brizzard BL et al "Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution." Bio Techniques 16: 730-735 (1994) PMID: [8024796](#)

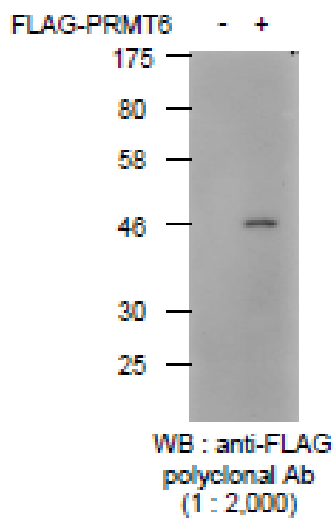


Fig.1 Detection of FLAG-tagged protein with this antibody by Western blotting.

(-) Lysate of 293T cells transfected with an empty vector

(+) Lysate of 293T cells transfected with the plasmid carrying the FLAG-tagged PRMT6 gene

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