Anti- DYKDDDDK (Equivalent to Flag tag from Sigma) tag antibody, rabbit serum

Product code	60-031
Size	100 µl
Storage	Store at 4℃ for short term. For long term storage store at -20℃. Aliquot to avoid repeated freezing thawing.
Concentration	N/A
Buffer	0.05% sodium azide
Purity	Rabbit antiserum
Immunogen	**DYKDDDDK** cross-linked to KLH
Isotype	Rabbit IgG
Reactivity	This antibody recognizes FLAG-tagged fusion proteins. However, this antibody does not react with " so called yeast Flag Tag ", consisting of three or nine repeats of DYKDHD sandwiched with G.
Special notes	N/A
Application	1. Western blotting (dilution: 1/2,000) 2. ELISA (assay dependent) Not suitable for immunoprecipitation Other applications have not been tested.
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.
Data Link	N/A
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

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Data Images: 60-031 Anti-DYKDDDDK (Equivalent to Flag tag from Sigma) tag antibody, rabbit serum

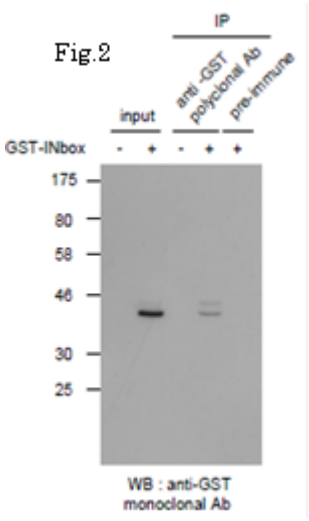

Fig.1 Detection of FLAG-tagged protein with this antibody by Western blotting.

-: Lysate of 293T cells transfected with an empty vector

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

References: This antibody was used in the following publication.

Tatsumi K et al, G196 epitope tag system: a novel monoclonal antibody, G196, recognizes the small, soluble peptide DLVPR with high affinity. Sci Rep. 2017 Mar 7;7:43480. PMID: 28266535. **WB**

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