

**FLAG tag antibody (DYKDDDDK)  
Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP1013A**

## Specification

---

### FLAG tag antibody (DYKDDDDK) - Product Information

Application	WB,E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

### FLAG tag antibody (DYKDDDDK) - Additional Information

#### Target/Specificity

KLH conjugated synthetic peptide (CDYKDDDDKDYKDDDDK) was used as antigen.

#### Dilution

WB~~1:2000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

FLAG tag antibody (DYKDDDDK) is for research use only and not for use in diagnostic or therapeutic procedures.

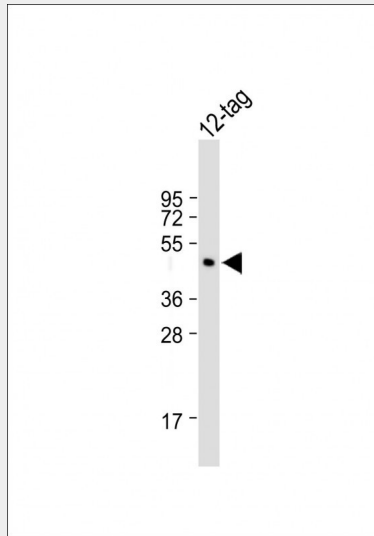
### FLAG tag antibody (DYKDDDDK) - Protein Information

### FLAG tag antibody (DYKDDDDK) - Protocols

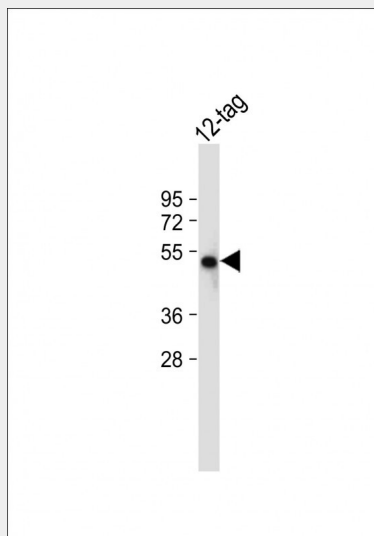
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## FLAG tag antibody (DYKDDDDK) - Images



All lanes : Anti-FLAG tag antibody (DYKDDDDK) at 1:2000 dilution Lane 1: 12-tag recombinant protein Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 50 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



Anti-Tag-FLAG. 2x at 1:2000 dilution + 12-tag lysate Lysates/proteins at 20ng per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

## FLAG tag antibody (DYKDDDDK) - Background

Epitope tags are useful for the labeling and detection of recombinant proteins using western blotting, immunoprecipitation and immunostaining techniques. The eight amino acid DYKDDDDK peptide is an established and multi-functional epitope tag and can be expressed and detected with a recombinant protein as an amino-terminal or carboxy-terminal fusion (1). Abgent's DYKDDDDK antibody binds to the same epitope recognized by Sigma's Anti-FLAG antibodies. (FLAG is a registered trademark of Sigma-Aldrich Co., which is not affiliated with Abgent).

## FLAG tag antibody (DYKDDDDK) - References

Chubet RG, Brizzard BL. Vectors for expression and secretion of FLAG epitope-tagged proteins in mammalian cells. *Biotechniques* 1996;20(1):136-141

**FLAG tag antibody (DYKDDDDK) - Citations**

- [Psb35 Protein Stabilizes the CP47 Assembly Module and Associated High-Light Inducible Proteins during the Biogenesis of Photosystem II in the Cyanobacterium \*Synechocystis\* sp. PCC6803](#)
- [white panicle2 encoding thioredoxin z, regulates plastid RNA editing by interacting with multiple organellar RNA editing factors in rice](#)
- [Investigating the duality of function in the cellular transformation of mouse fibroblasts](#)
- [Structure of YidC from \*Thermotoga maritima\* and its implications for YidC-mediated membrane protein insertion.](#)
- [Chromatin-remodelling factor Brg1 regulates myocardial proliferation and regeneration in zebrafish.](#)
- [Sensitive and Quantitative Three-Color Protein Imaging in Fission Yeast Using Spectrally Diverse, Recoded Fluorescent Proteins with Experimentally-Characterized In Vivo Maturation Kinetics.](#)