

#T20008

# DYKDDDK-Tag pAb

(Binds to same epitope as sigma's Anti-FLAG M2 Antibody)



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## BACKGROUND

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties. The DYKDDDK peptide has been used extensively as a general epitope tag in expression vectors. This peptide can be expressed and detected with the protein of interest as an amino-terminal or carboxy-terminal fusion.

## REFERENCES

1. Brizzard, B. L. et al. 1994. Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution. *Biotechniques* 16, 730-735.

## SOURCE

This antibody is produced by immunizing animals with a synthetic DYKDDDK peptide (KLH-coupled).

## SPECIFICITY

DYKDDDK Tag Antibody detects exogenously expressed DYKDDDK proteins in cells.

## STORAGE

Store at -20°C. Stable for one year from the date of shipment.

## REACTIVITY

All

## SOURCE:

Rabbit

## IMPORTANT

Use an **anti-Rabbit** secondary antibody to detect the antibody.

## RECOMMENDED ANTIBODY DILUTIONS

Western blotting	1:500-1:2000
Immunofluorescence	1:100-1:1000
Immunoprecipitation	1:100
ELISA	1:2000

**\* For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1× TBS, 0.05% Tween-20 at 4°C with gentle shaking, overnight.**

## APPLICATION DATA



Western blot analysis of Flag-tag fusion protein, using Flag-Tag Antibody.

## COMPANION PRODUCTS

- #M20001 His-Tag (2A8) Mouse mAb
- #M20002 Myc-Tag (19C2) Mouse mAb
- #M20003 HA-Tag (26D11) Mouse mAb
- #M20004 GFP-Tag (7G9) Mouse mAb
- #M20007 GST-Tag (12G8) Mouse mAb
- #M20012 Anti-Myc-Tag Mouse mAb (Agarose Conjugated)
- #M20013 Anti-HA-Tag Mouse mAb (Agarose Conjugated)
- #M20018 Anti-DYKDDDK-Tag Mouse mAb (Agarose Conjugated) (Binds to same epitope as Sigma's Anti-FLAG® M2 Antibody)