

DATASHEET

Version: 2016-08-17

THE™ DYKDDDDK Tag Antibody, mAb, Mouse**Cat. No.:** A00187-200**Size:** 200 µg**Synonyms:** Mouse anti DYKDDDDK-tag mAb; Mouse anti flag-tag mAb;**Description:**

The DYKDDDDK peptide is a small component of the epitope which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. It has been used extensively as a general epitope tag in expression vectors. THE™ DYKDDDDK Tag Antibody, mAb, Mouse is a high-affinity monoclonal antibody that can be used to detect DYKDDDDK-tagged proteins.

Immunogen: A synthetic peptide (DYKDDDDK) coupled to KLH**Host:** Mouse**Conjugation:** Unconjugated**Fusion Partner:**

Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells.

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Clone: 5A8E5**Ig Subclass:** IgG2b, k**Specificity:** THE™ DYKDDDDK Tag Antibody, mAb,

Mouse recognizes C-terminal, N-terminal and internal tagged fusion proteins.

Purification: Protein A affinity column**Applications:**

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/ml**Western blot:** 0.1-1.0 µg/ml**Immunoprecipitation:** 1 µg/ml**Immunofluorescent staining:** 1 µg/ml**Flow cytometry:** 1 µg/ml**Other applications:** user-optimized**Reconstitution:**

Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.