

THE™ NWSHPQFEK Tag Antibody [HRP], mAb, Mouse**Cat. No.:** A01742-40**Size:** 40 µg**Synonyms:** THE™ NWSHPQFEK Tag Antibody [HRP], mAb, Mouse;**Description:**

Streptavidin is a tetrameric protein purified from *Streptomyces avidinii*. It has wide use in numerous molecular biological protocols due to its strong affinity for biotin. NWSHPQFEK (Strep II tag) is a nine amino acid peptide with high specificity and affinity towards streptavidin.

GenScript THE™ NWSHPQFEK Tag Antibody [HRP], mAb, Mouse is THE™ NWSHPQFEK Tag Antibody (A01732) conjugated with Horseradish peroxidase (HRP). The conjugated antibody is suitable for detecting the expression level of NWSHPQFEK Tagged fusion proteins.

Immunogen: NWSHPQFEK peptide conjugated to KLH**Host:** Mouse**Conjugation:** HRP**Formulation:**

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 10 mg/ml BSA and 0.01% thimerosal.

Clone: 5A9F9**Ig Subclass:** IgG1 K**Specificity:** THE™ NWSHPQFEK Tag Antibody [HRP], mAb, Mouse recognizes N-terminal and C-terminal Strep II tagged fusion proteins.**Purification:** Protein A affinity column**Applications:**

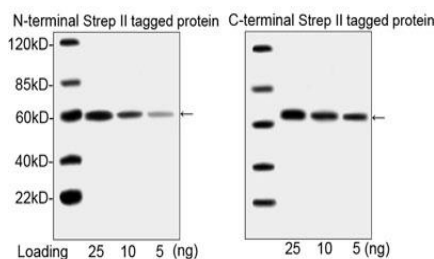
Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The 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.

Western blot: 0.2-1 µg/ml**ELISA:** 0.001-0.002 µg/ml**Reconstitution:**

Reconstitute the lyophilized product with deionized water (or equivalent) to make antibody 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.

Example

Western blot analysis of N-terminal Strep II tagged fusion protein and C-terminal Strep II tagged protein using THE™ NWSHPQFEK Tag Antibody [HRP], mAb, Mouse (GenScript, A01742, 1 µg/ml). The signal was developed with LumiSensor™ HRP Substrate Kit (GenScript, L00221).