

Rev04
Update: Oct,19,2022

DATASHEET

MonoRab™ HA tag Antibody(109B2)[Biotin], mAb, Rabbit

Cat. No.: A02002

Overview

Specificity	MonoRab™ HA tag Antibody recognizes HA tags placed at N-terminal, C-terminal, and internal regions of fusion proteins.
Host Species	Rabbit
Immunogen	A synthetic peptide containing the influenza hemagglutinin epitope (YPYDVPDYA). conjugated to KLH
Conjugate	Biotin

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentration 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.

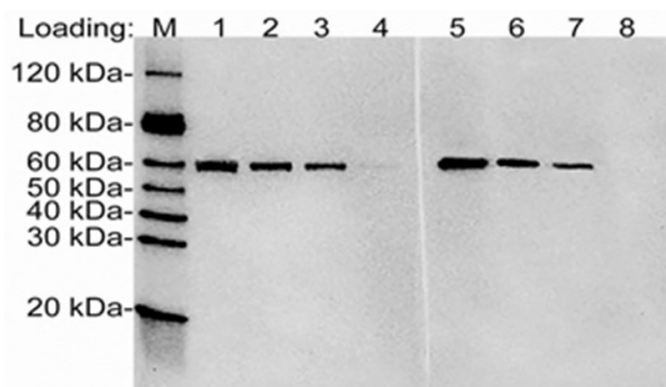
Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.2-1 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, contains 1% BSA and 0.02% sodium azide.
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.

Storage Instructions	The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A affinity column
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone ID	109B2
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Examples



Western blot analysis of MonoRab™ HA tag Antibody (109B2) [Biotin], mAb, Rabbit with HA-tag fusion proteins.

Loading:

Lane 1 : 25 ng N-terminal HA-tagged fusion protein

Lane 2 : 10 ng N-terminal HA-tagged fusion protein

Lane 3 : 5 ng N-terminal HA-tagged fusion protein

Lane 4 : 1 ng N-terminal HA-tagged fusion protein

Lane 5: 25 ng C-terminal HA-tagged fusion protein

Lane 6: 10 ng C-terminal HA-tagged fusion protein

Lane 7: 5 ng C-terminal HA-tagged fusion protein

Lane 8: 1 ng C-terminal HA-tagged fusion protein

Primary Antibody:

MonoRab™ HA tag Antibody (109B2)[Biotin], mAb, Rabbit (A02002-40) 1 µg/ml

Secondary Antibody:

Streptavidin-HRP 0.2 µg/ml

Background

Target Background : The rabbit immune system generates antibody diversity and optimizes affinity. GenScript utilizes MonoRab™ technology to generate high affinity and specific monoclonal rabbit antibodies. The HA tag is composed of several amino acids containing YPYDVPDYA and does not appear to interfere with the bioactivity or the biodistribution of recombinant proteins. GenScript MonoRab™ HA tag Antibody (109B2) [Biotin], mAb, Rabbit is the biotin conjugated form of MonoRab™ HA tag Antibody (109B2), mAb, Rabbit. This antibody is suitable for detecting the expression level of HA tag fusion proteins.

Synonyms : Rabbit monoclonal to HA tag

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.