



Source

HRP conjugated Anti-His Antibody (AY63), mAb is a chimeric monoclonal antibody recombinantly expressed from human 293 cells (HEK293), which combines the variable region of a mouse monoclonal antibody with human IgG1 constant domain. The mouse monoclonal antibody is produced from a hybridoma resulting from fusion of SP2/0 myeloma and B-lymphocytes obtained from a mouse immunized with His.

Isotype

Human IgG1 | Human Kappa

Specificity

This product is a specific antibody specifically reacts with His tag protein, and can recognize C-terminal, N-terminal, and internal His tagged fusion proteins.

Application

WB 1:1000-1:10000 (0.05-0.5 µg/mL); Elisa 1:3000-1:10000 (0.05-0.2 µg/mL).

Endotoxin

Less than 1.0 EU per mg by the LAL method.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

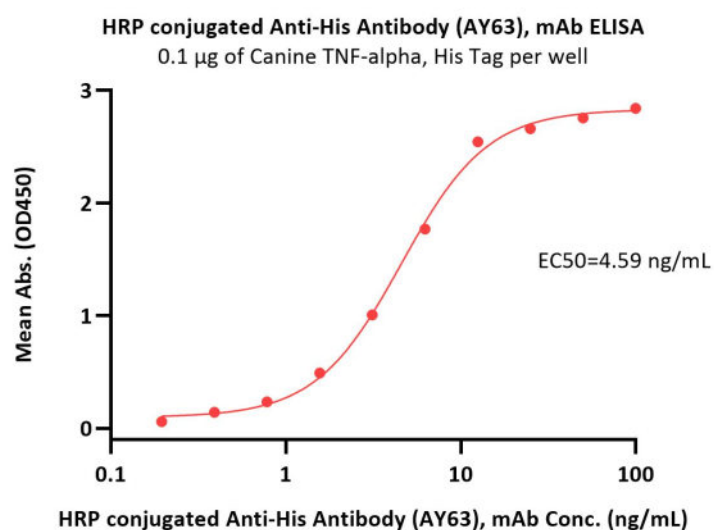
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70 °C for 6 months after reconstitution;
- 2-8 °C for 2-3 weeks under sterile conditions after reconstitution.

Bioactivity-Elisa



Immobilized Canine TNF-alpha, His Tag (Cat. No. TNA-C52H3) at 1 µg/mL (100 µL/well) can bind HRP conjugated Anti-His Antibody (AY63), mAb (Cat. No. HIS-PLM535) with a linear range of 0.2-13 ng/mL (QC tested).

Background

His tag is a very small molecular weight tag, usually composed of 6-10 histidine (His). It is one of the commonly used tags for protein purification and detection. Due to its small molecular weight, fusion into the target protein has almost no effect on the structure and characteristics of the protein. Anti-his tag antibody can accurately detect, locate and purify His tag fusion protein, so as to provide convenience for the vast number of researchers.

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and more!



HRP conjugated Anti-His Antibody (AY63), mAb

Catalog # HIS-PLM535



Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.

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