



## Source

HRP conjugated Anti-His Antibody (AY63), mAb is a chimeric monoclonal antibody recombinantly expressed from HEK293, which combines the variable region of a mouse monoclonal antibody with Human constant domain.

## Clone

AY63

## Isotype

Human IgG1 | Human Kappa

## Conjugate

HRP-Conjugated

## Antibody Type

Recombinant Monoclonal

## Reactivity

Tag

## Immunogen

A protein peptide with his tag.

## Specificity

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

## Application

Application	Recommended Usage
Western Blot	0.2-2 ug/mL
ELISA	1:3000-1:10000

## Purification

Protein A purified/ Protein G purified

## Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 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 protect from light and 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

Discounts, Gifts,  
and more!

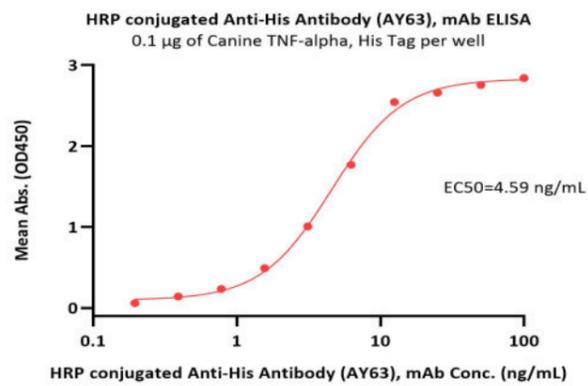


# HRP conjugated Anti-His Antibody (AY63), mAb

Catalog # HIS-PLM535

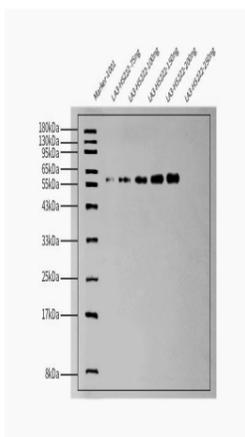


BIOSYSTEMS  
**Acro**



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).

## Western Blot



Detection of HRP conjugated Anti-His Tag Antibody (AY63), mAb by Western Blot. HRP conjugated Anti-His Antibody (AY63), mAb at 1/10000 dilution + Human LAG-3 / CD223 Protein, His Tag at 75-250ng. Predicted band size: 60 kDa 12% Bis-Tris Protein Gel.

## 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.

## Clinical and Translational Updates

Discounts, Gifts,  
and more!



➤ [www.acrobiosystems.com](http://www.acrobiosystems.com)

9/26/2024