

HRP Anti-6X His tag® antibody [EPR20547] ab237339

Recombinant RabMAb

[1 References](#) [3 Images](#)

Overview

Product name	HRP Anti-6X His tag® antibody [EPR20547]
Description	HRP Rabbit monoclonal [EPR20547] to 6X His tag®
Host species	Rabbit
Conjugation	HRP
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: ab198757 , ab198115 , ab200295 and HEK-293 whole cell lysate transfected with CRISPR-Cas9 (J7RUA5, Staphylococcus aureus subsp. aureus) with Myc-His tag
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.1% Proclin 300 Solution</p> <p>Constituents: 1% BSA, PBS, 30% Glycerol (glycerin, glycerine)</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20547

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab237339 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

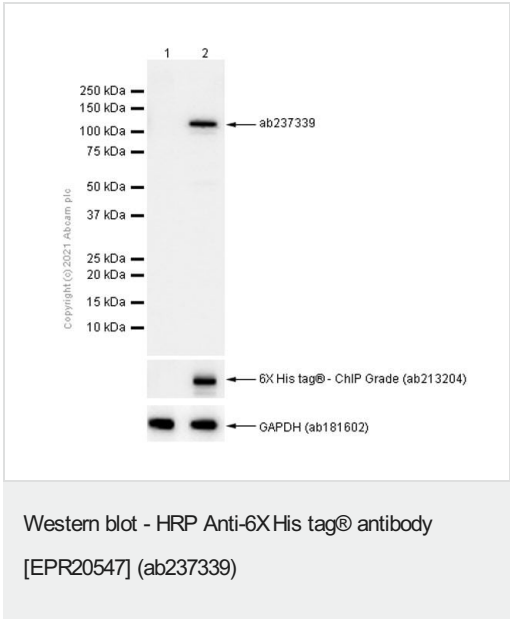
Application	Abreviews	Notes
WB		1/5000 - 1/50000.

Target

Relevance The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. His-tags can be fused to the amino- or carboxy- termini of proteins in transfected or transformed cells.

Cellular localization Depends upon the localization of the parent protein tagged with hexahistidine.

Images



All lanes : HRP Anti-6X His tag® antibody [EPR20547] (ab237339) at 1/50000 dilution

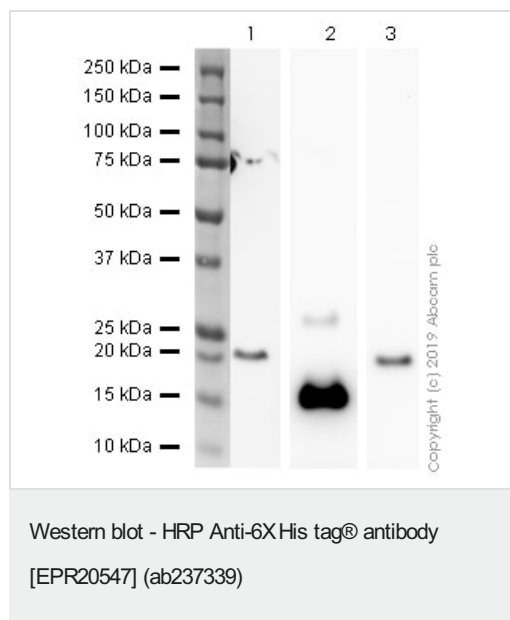
Lane 1 : HEK-293 transfected with an empty vector (vector control), containing a myc-His-tag®, whole cell lysate

Lane 2 : HEK-293 (Human epithelial cell line from embryonic kidney) whole cell lysate transfected with CRISPR-Cas9 (J7RUA5, Staphylococcus aureus subsp. aureus) with Myc-His tag

Lysates/proteins at 15 µg per lane.

Observed band size: 125 kDa

Exposure time: 3 minutes



All lanes : HRP Anti-6X His tag® antibody [EPR20547] (ab237339) at 1/5000 dilution

Lane 1 : Histone H3 recombinant (**ab198757**) (4 minute exposure) cell lysate

Lane 2 : Histone H4 recombinant (**ab198115**) (1 minute 30 seconds exposure) cell lysate

Lane 3 : Histone H2A recombinant (**ab200295**) (1 minute 30 seconds exposure) cell lysate

Lysates/proteins at 2 µg per lane.

Performed under reducing conditions.

Observed band size: 17 kDa

ab237339 was shown to react with 6X His tag® in western blot. Membranes were blocked in 5% milk in TBS-T (0.1% Tween®) before incubation with ab237339 overnight at 4°C at a 1 in 5000 dilution. Blots were developed with Optiblot ECL reagent (**ab133456**) and imaged.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

HRP Anti-6X His tag® antibody [EPR20547]
(ab237339)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors