

Product datasheet

Anti-HESP antibody [EPR12943(2)-44] ab187669

Recombinant RabMAb

3 Images

Overview

Product name	Anti-HESP antibody [EPR12943(2)-44]
Description	Rabbit monoclonal [EPR12943(2)-44] to HESP
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal liver, HepG2, T47D, WI38, mouse spleen and PC12 cell lysates.
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 long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12943(2)-44
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab187669 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		1/1000 - 1/10000. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).

Target

Function

Probable serine protease which may play a role in cellular senescence. Overexpression inhibits cell growth and induce G1 cell cycle arrest.

Tissue specificity

Expressed in esophagus, liver, colon and lung. Down-regulated in esophagus cancers.

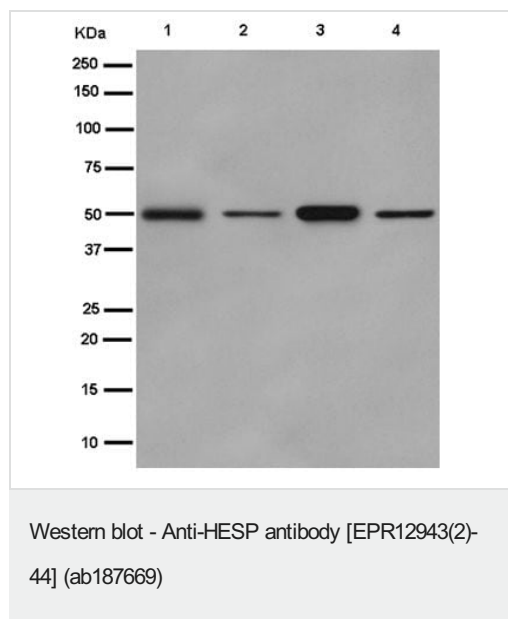
Sequence similarities

Belongs to the peptidase S1 family.
Contains 1 peptidase S1 domain.
Contains 1 SEA domain.

Cellular localization

Membrane.

Images



All lanes : Anti-HESP antibody [EPR12943(2)-44] (ab187669) at 1/5000 dilution

Lane 1 : Human fetal liver lysate

Lane 2 : HepG2 cell lysate

Lane 3 : T47D cell lysate

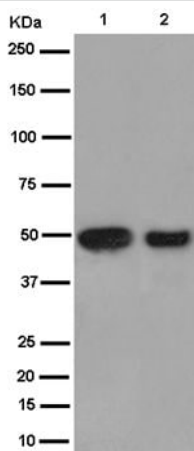
Lane 4 : WI38 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 48 kDa



Western blot - Anti-HESP antibody [EPR12943(2)-44] (ab187669)

All lanes : Anti-HESP antibody [EPR12943(2)-44] (ab187669) at 1/1000 dilution

Lane 1 : mouse spleen cell lysate

Lane 2 : PC12 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 48 kDa

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

Anti-HESP antibody [EPR12943(2)-44] (ab187669)

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

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- 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

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