

Product datasheet

Anti-AdSS 2 antibody [EPR12331-52] ab174842

Recombinant RabMAb

3 Images

Overview

Product name	Anti-AdSS 2 antibody [EPR12331-52]
Description	Rabbit monoclonal [EPR12331-52] to AdSS 2
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC/IF or IHC
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Recombinant fragment corresponding to Human AdSS 2. Database link: P30520
Positive control	293T, HT1376 and HepG2 cell lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR12331-52
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab174842 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 - 1/5000. Predicted molecular weight: 50 kDa.
IP		1/10 - 1/100.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC.

Target

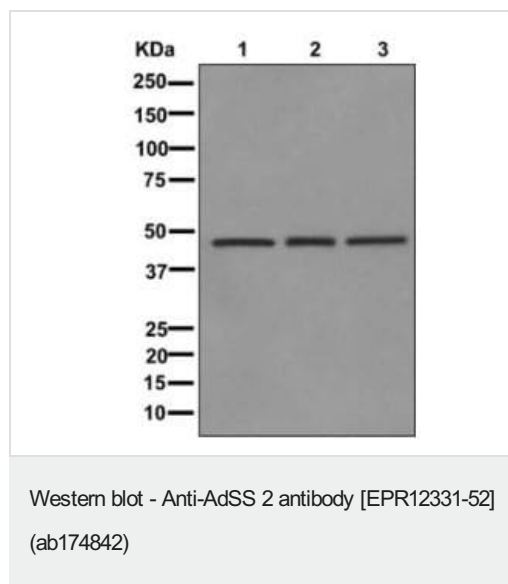
Function Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.

Pathway Purine metabolism; AMP biosynthesis via de novo pathway; AMP from IMP: step 1/2.

Sequence similarities Belongs to the adenylosuccinate synthetase family.

Cellular localization Cytoplasm. Partially associated with particulate fractions.

Images



All lanes : Anti-AdSS 2 antibody [EPR12331-52] (ab174842) at 1/1000 dilution

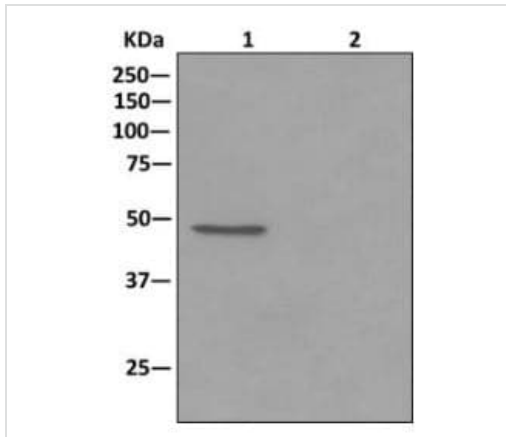
Lane 1 : 293T cell lysate

Lane 2 : HT1376 cell lysate

Lane 3 : HepG2 cell lysates

Lysates/proteins at 10 µg per lane.





Predicted band size: 50 kDa



Western blot analysis on immunoprecipitation pellet from 293T cell lysate (lane 1) or 1X PBS (lane 2) (negative control), labeling AdSS 2 immunoprecipitated using ab174842 at 1/10 dilution and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG.

Immunoprecipitation - Anti-AdSS 2 antibody
[EPR12331-52] (ab174842)

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-AdSS 2 antibody [EPR12331-52] (ab174842)

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