


Product datasheet

Anti-AdSS 2 antibody [EPR12331-73] ab174848

Recombinant RabMAb

★★★★☆ [1 Abreviews](#) [4 Images](#)

Overview

Product name	Anti-AdSS 2 antibody [EPR12331-73]
Description	Rabbit monoclonal [EPR12331-73] to AdSS 2
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), ICC/IF, WB Unsuitable for: IHC
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment within Human AdSS 2 aa 1-200. The exact sequence is proprietary. Database link: P30520
Positive control	293T, HT-1376, HepG2 and U87-MG cell lysates; 293 cells; permeabilized 293 cells.
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 EPR12331-73

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab174848 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
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		1/50 - 1/100.
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 50 kDa.

Application notes Is unsuitable for IHC.

Target

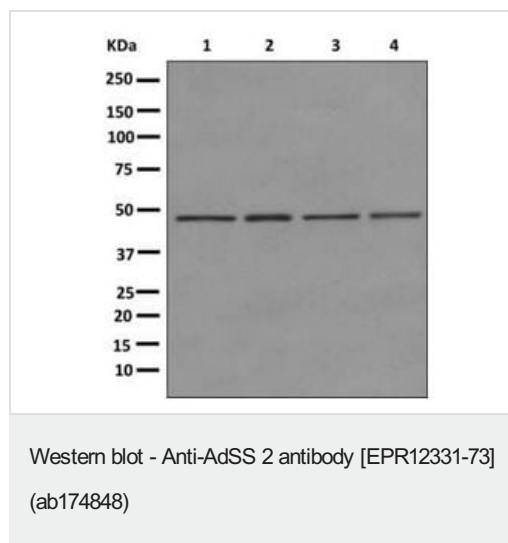
Function Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.

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 [EPR12331-73] (ab174848) at 1/1000 dilution

Lane 1 : 293T cell lysate

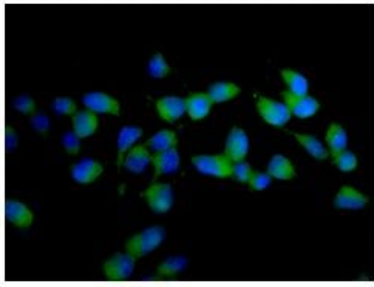
Lane 2 : HT-1376 cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : U87-MG cell lysate

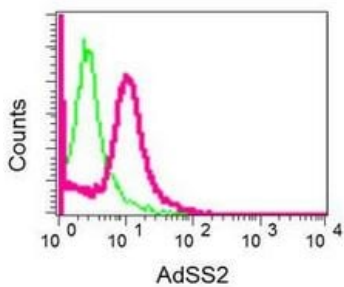
Lysates/proteins at 10 µg per lane.

Predicted band size: 50 kDa



Immunofluorescence analysis of 293 cells labeling AdSS 2 using ab174848 at a 1/50 dilution. DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-AdSS 2 antibody [EPR12331-73] (ab174848)



Intracellular flow cytometric analysis of permeabilized 293 cells labeling AdSS 2 using ab174848 at a 1/10 dilution (red), or a rabbit IgG negative control (green).

Flow Cytometry (Intracellular) - Anti-AdSS 2 antibody [EPR12331-73] (ab174848)

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 [EPR12331-73] (ab174848)

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

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