


Product datasheet

Anti-SPON2 antibody [EPR9799] ab171955

Recombinant RabMAb

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

Overview

Product name	Anti-SPON2 antibody [EPR9799]
Description	Rabbit monoclonal [EPR9799] to SPON2
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human SPON2 aa 200-300 (Cysteine residue). The exact sequence is proprietary. Database link: Q9BUD6
Positive control	Fetal lung lysate, A549 lysate, Mouse spleen 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	EPR9799
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171955 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

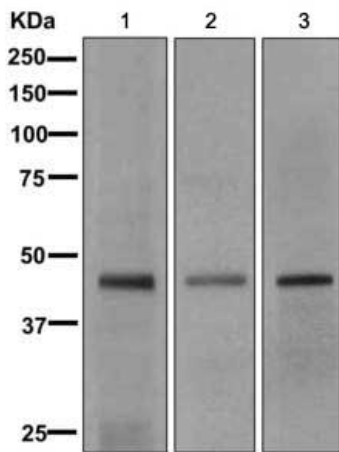
Application	Abreviews	Notes
Flow Cyt (Intra)		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/5000. Predicted molecular weight: 36 kDa.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Function	Cell adhesion protein that promotes adhesion and outgrowth of hippocampal embryonic neurons. Binds directly to bacteria and their components and functions as an opsonin for macrophage phagocytosis of bacteria. Essential in the initiation of the innate immune response and represents a unique pattern-recognition molecule in the ECM for microbial pathogens (By similarity). Binds bacterial lipopolysaccharide (LPS).
Tissue specificity	Expressed in normal lung tissue but not in lung carcinoma cell lines.
Sequence similarities	Contains 1 spondin domain. Contains 1 TSP type-1 domain.
Cellular localization	Secreted > extracellular space > extracellular matrix.

Images



Western blot - Anti-SPON2 antibody [EPR9799] (ab171955)

All lanes : Anti-SPON2 antibody [EPR9799] (ab171955) at 1/1000 dilution

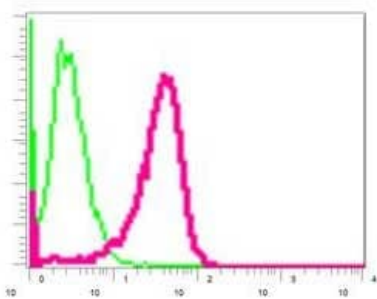
Lane 1 : Fetal lung lysate

Lane 2 : A549 cell lysate

Lane 3 : Mouse spleen lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 36 kDa



Flow Cytometry (Intracellular) - Anti-SPON2 antibody [EPR9799] (ab171955)

Intracellular flow cytometric analysis of permeabilized A549 labeling Mindin with ab171955 at /100 dilution (red) or a rabbit IgG (negative) (green)

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-SPON2 antibody [EPR9799] (ab171955)

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

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