

Product datasheet

Anti-SIGIRR antibody [EPR12638] ab177937

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-SIGIRR antibody [EPR12638]
Description	Rabbit monoclonal [EPR12638] to SIGIRR
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human SIGIRR aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: Q6IA17
Positive control	Fetal kidney lysate.
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 EPR12638

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab177937 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. Predicted molecular weight: 46 kDa.

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

Target

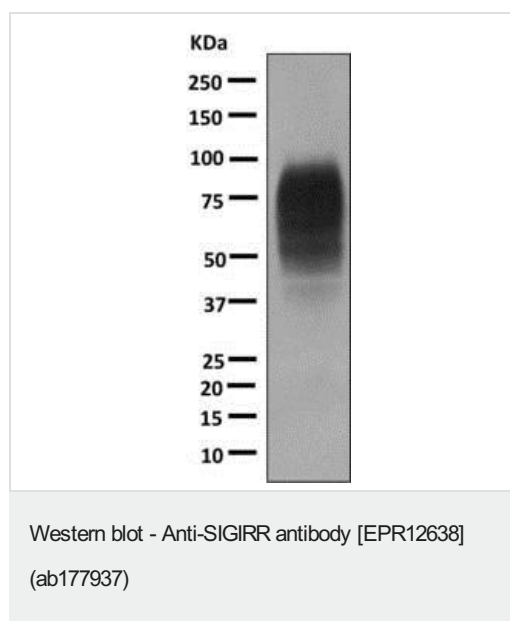
Function Acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. Attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through an TIR-TIR domain interaction with TLR4. Through its extracellular domain interferes with the heterodimerization of IL1R1 and IL1RAP.

Tissue specificity Mainly expressed in epithelial tissues such as kidney, lung and gut.

Sequence similarities Belongs to the interleukin-1 receptor family.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 TIR domain.

Cellular localization Membrane.

Images



Anti-SIGIRR antibody [EPR12638] (ab177937) at 1/1000 dilution +
Fetal kidney lysate at 10 µg

Predicted band size: 46 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-SIGIRR antibody [EPR12638] (ab177937)

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

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