

Product datasheet

Anti-RAIDD antibody [EPR1640Y] ab52621

Recombinant RabMAb

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Overview

Product name	Anti-RAIDD antibody [EPR1640Y]
Description	Rabbit monoclonal [EPR1640Y] to RAIDD
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human RAIDD (C terminal). The exact sequence is proprietary.
Positive control	HeLa cell lysate and Human heart muscle tissue.
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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR1640Y
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab52621 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. Detects a band of approximately 23 kDa (predicted molecular weight: 23 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Function

Apoptotic adaptor molecule specific for caspase-2 and FASL/TNF receptor-interacting protein RIP. In the presence of RIP and TRADD, CRADD recruits caspase-2 to the TNFR-1 signalling complex.

Tissue specificity

Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.

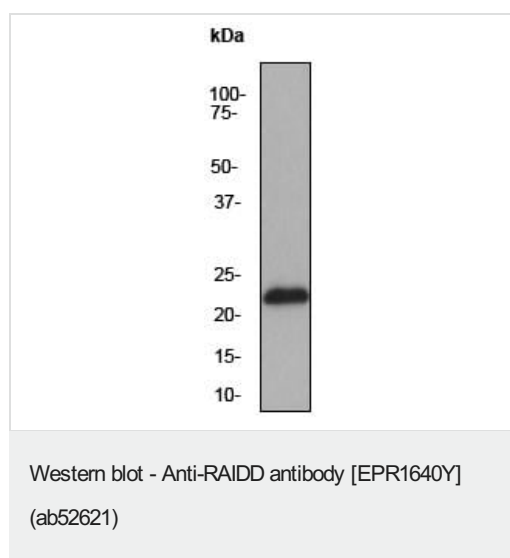
Sequence similarities

Contains 1 CARD domain.
Contains 1 death domain.

Domain

Contains a death domain involved in the binding of RIP protein.
The CARD domain mediates the interaction with caspase-2.

Images



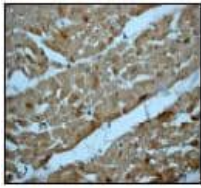
Anti-RAIDD antibody [EPR1640Y] (ab52621) at 1/1000 dilution +
HeLa cell lysate at 10 µg

Secondary

Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 23 kDa

Observed band size: 23 kDa

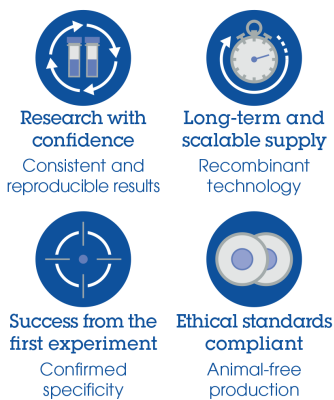


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAIDD antibody [EPR1640Y] (ab52621)

ab52621, at a 1/50 dilution, staining Human RAIDD in heart muscle, using Immunohistochemistry, Paraffin embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-RAIDD antibody [EPR1640Y] (ab52621)

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

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