


Product datasheet

Anti-Retinoid X Receptor beta/RXRβ antibody ab221115

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

Overview

Product name	Anti-Retinoid X Receptor beta/RXRβ antibody
Description	Rabbit polyclonal to Retinoid X Receptor beta/RXRβ
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Recombinant fragment corresponding to Human Retinoid X Receptor beta/RXRβ aa 50-150. Database link: P28702 Run BLAST with Run BLAST with
Positive control	RT-4 cell lysates; Human tonsil lysate; SK-MEL-30 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab221115 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
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.
WB		1/100 - 1/250. Predicted molecular weight: 57 kDa.

Target

Function

Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE).

Tissue specificity

Expressed in a variety of tumor cell lines.

Sequence similarities

Belongs to the nuclear hormone receptor family. NR2 subfamily.
Contains 1 nuclear receptor DNA-binding domain.

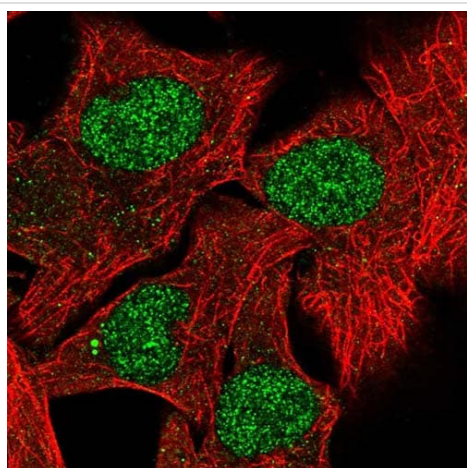
Domain

Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.

Cellular localization

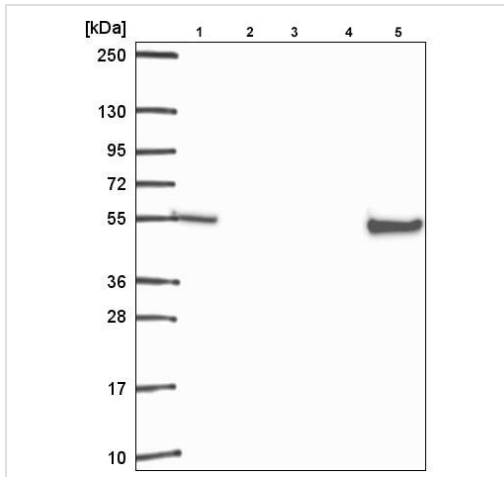
Nucleus.

Images



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized SK-MEL-30 cells labeling Retinoid X Receptor beta/RXRB with ab221115 at 4 µg/ml (green).

Immunocytochemistry/ Immunofluorescence - Anti-Retinoid X Receptor beta/RXRB antibody (ab221115)



Western blot - Anti-Retinoid X Receptor beta/RXRβ antibody (ab221115)

All lanes : Anti-Retinoid X Receptor beta/RXRβ antibody (ab221115) at 1/100 dilution

Lane 1 : RT-4 cell lysate

Lane 2 : U-251 MG cell lysate

Lane 3 : Human plasma

Lane 4 : Human liver lysate

Lane 5 : Human tonsil lysate

Predicted band size: 57 kDa

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

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