



Product datasheet

Anti-IL-9R antibody [4A11H2] ab233757

[1 References](#) [4 Images](#)

Overview

Product name	Anti-IL-9R antibody [4A11H2]
Description	Mouse monoclonal [4A11H2] to IL-9R
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment corresponding to Human IL-9R aa 1-300. Expressed in E.coli Database link: Q01113
	 Run BLAST with  Run BLAST with
Positive control	WB: Recombinant human IL9R (AA: extra 41-270); C6, PC-3 and IL9R (AA: extra 41-270)-hlgGfc transfected HEK-293 whole cell lysate. IHC-P: Human cervical cancer and ovarian cancer tissue. Flow Cyt: Ramos 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	Preservative: 0.05% Sodium azide Constituent: PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	4A11H2
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab233757 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		1/500 - 1/2000.
Flow Cyt		1/200 - 1/400.

Target

Function

This is a receptor for interleukin-9.

Sequence similarities

Belongs to the type I cytokine receptor family. Type 4 subfamily.
Contains 1 fibronectin type-III domain.

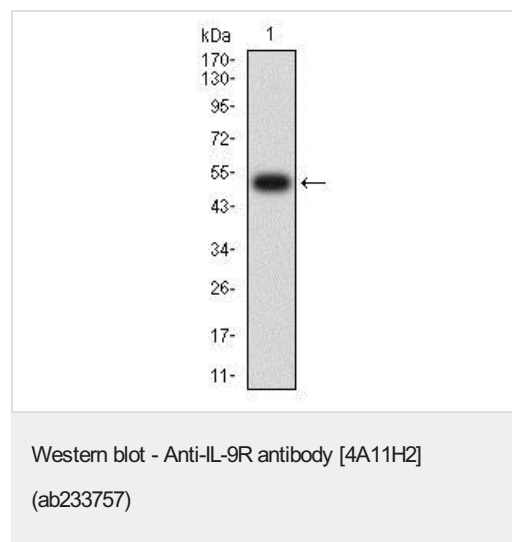
Domain

The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
The box 1 motif is required for JAK interaction and/or activation.

Cellular localization

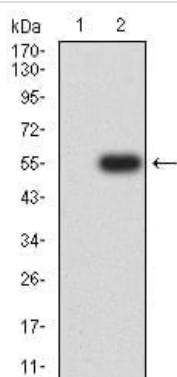
Cell membrane. Secreted.

Images



Anti-IL-9R antibody [4A11H2] (ab233757) at 1/500 dilution +
Recombinant human IL9R protein

Developed using the ECL technique.



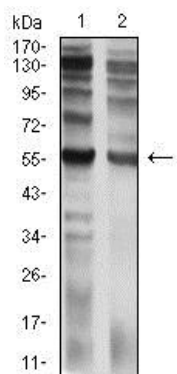
Western blot - Anti-IL-9R antibody [4A11H2]
(ab233757)

All lanes : Anti-IL-9R antibody [4A11H2] (ab233757) at 1/500 dilution

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) whole cell lysate

Lane 2 : IL9R (AA: extra 41-270)-hlgGFc transfected HEK-293 whole cell lysate

Developed using the ECL technique.



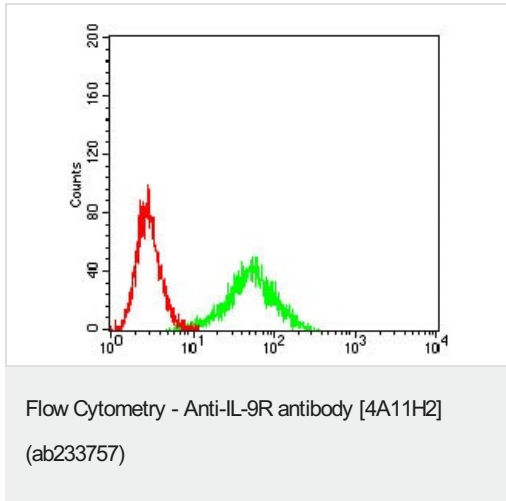
Western blot - Anti-IL-9R antibody [4A11H2]
(ab233757)

All lanes : Anti-IL-9R antibody [4A11H2] (ab233757) at 1/500 dilution

Lane 1 : C6 (rat glial tumor cell line) whole cell lysate

Lane 2 : PC-3 (human prostate adenocarcinoma cell line) whole cell lysate

Developed using the ECL technique.



Flow cytometric analysis of Ramos (human Burkitt's lymphoma cell line) cell line labeling IL9R with ab233757 at 1/200 dilution (green) compared with a negative control (red).

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