

Product datasheet

Anti-FCRL2 antibody ab230318

3 Images

Overview

Product name	Anti-FCRL2 antibody
Description	Rabbit polyclonal to FCRL2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human FCRL2 aa 20-100. Database link: Q96LA5
Positive control	WB: HEK-293T whole cell lysate. IHC-P: Human lung cancer and gastric cancer tissues.
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: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab230318 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 - 1/5000. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa).
IHC-P		1/20 - 1/200.

Target

Function

May have an regulatory role in normal and neoplastic B cell development.

Tissue specificity

Expressed in the secondary lymphoid organs, spleen and lymph node. Expression is limited to the mature B-cell lines. Highly expressed in CD19 and within the mantle zones of the tonsil tissue. Isoform 2 is expressed in the spleen, peripheral blood and bone marrow. Isoform 2 and isoform 4 are expressed in B-cell lines. Preferentially expressed in memory B-cells (at protein level).

Sequence similarities

Contains 4 Ig-like C2-type (immunoglobulin-like) domains.

Domain

Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). The phosphorylated ITIM motif bind the SH2 domain of PTPN6.

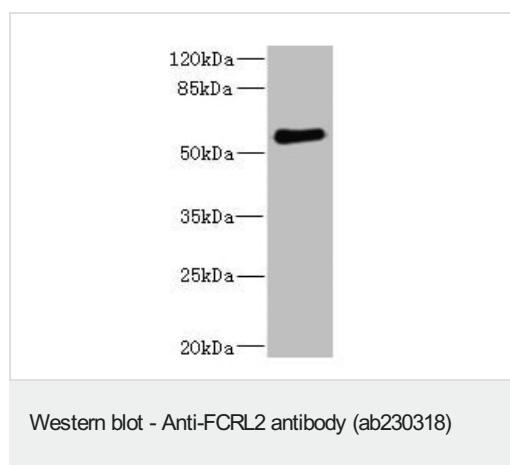
Post-translational modifications

Isoform 2 is N- and O-glycosylated, and phosphorylated.

Cellular localization

Cell membrane.

Images



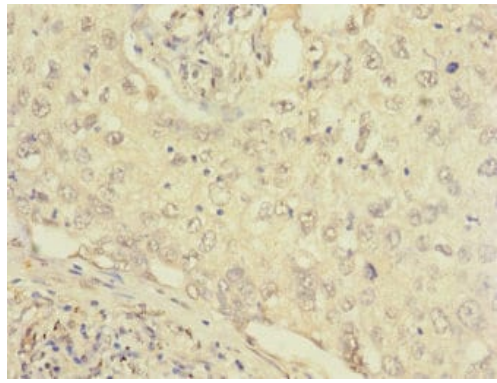
Anti-FCRL2 antibody (ab230318) at 1/1000 dilution + HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

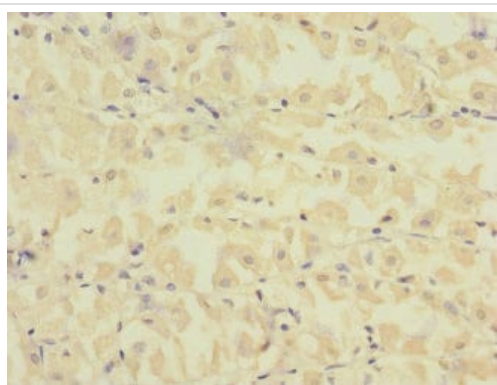
Predicted band size: 56 kDa

Observed band size: 56 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FCRL2 antibody (ab230318)

Paraffin-embedded human lung cancer tissue stained for FCRL2 using ab230318 at 1/100 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FCRL2 antibody (ab230318)

Paraffin-embedded human gastric cancer tissue stained for FCRL2 using ab230318 at 1/100 dilution in immunohistochemical analysis.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

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