

Product datasheet

Anti-FCRL5 antibody ab177204

2 Images

Overview

Product name	Anti-FCRL5 antibody
Description	Rabbit polyclonal to FCRL5
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human FCRL5 aa 79-254. (BC101067).

Sequence:

```
ESGEYRCQAQGSPVHLDLFSSASLILQAPLSVFEGD  
SVVLRCAKAE  
VTLNNTIYKNDNVLAFLNKRTDFHIPHACLKDNAYRCTGY  
KESCCPVSS  
NTVKIQVQEPFTRPVLRRASSFQPISGNPVTLCETQLSLER  
SDVPLRFRF FRDDQTLGLGWSLSPNFQITAMWSKD
```

Database link: [Q96RD9](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control MCF7 and HeLa whole cell lysate ([ab150035](#)); Human fetal stomach tissue.

General notes

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.

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

Properties

Form	Lyophilized: Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
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: 98% PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

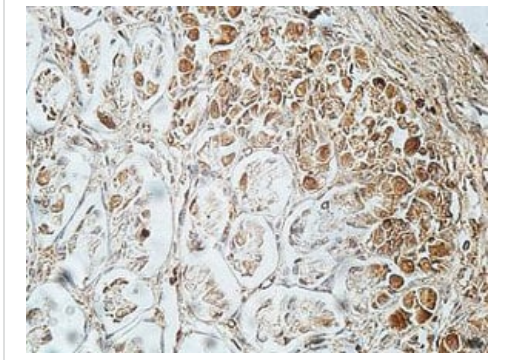
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab177204 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.
WB		1/200 - 1/1000. Predicted molecular weight: 106 kDa.

Target

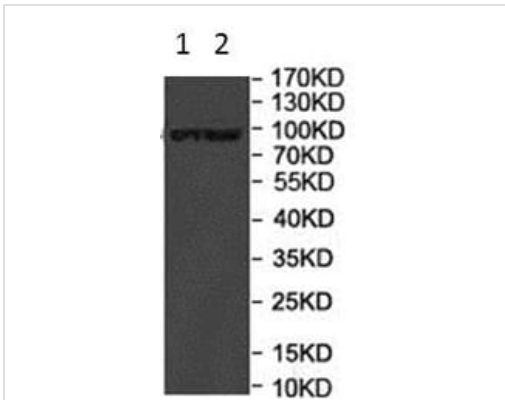
Function	May be involved in B-cell development and differentiation in peripheral lymphoid organs and may be useful markers of B-cell stages. May have an immunoregulatory role in marginal zone B-cells.
Tissue specificity	Expressed in marginal zone B-cells, immunoblasts, tonsillar germinal center centrocytes and in the intraepithelial and interfollicular regions of the tonsil. Expressed in many lymphoma cell lines and on hairy cell leukemia cells. Isoform 1, isoform 3, isoform 4 and isoform 5 are detected in lymph node, spleen, bone marrow, and small intestine with preponderance of isoform 3. Expressed in mature and memory B cells and down-regulated in germinal center cells (at protein level).
Involvement in disease	Note=A chromosomal aberration involving FCRL5 has been found in cell lines with 1q21 abnormalities derived from Burkitt lymphoma. Duplication dup(1)(q21q32).
Sequence similarities	Contains 8 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).
Cellular localization	Cell membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human fetal stomach tissue labeling FCRL5 with ab177204 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FCRL5 antibody (ab177204)



All lanes : Anti-FCRL5 antibody (ab177204) at 1/500 dilution

Lane 1 : MCF7 cell lysate

Lane 2 : HeLa cell lysate

Predicted band size: 106 kDa

Western blot - Anti-FCRL5 antibody (ab177204)

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

Our Abpromise to you: Quality guaranteed and expert technical support

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- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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