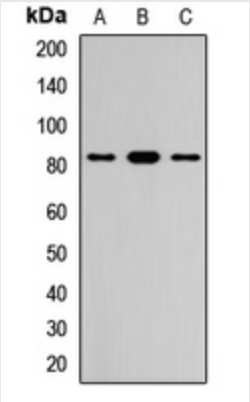
CD307c Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD307c, Polyclonal Antibody
Full Product Name	Anti-CD307c Antibody
Product Gene Name	anti-CD307c antibody
Product Synonym Gene Name	FCRL3
Product Synonym Names	FCRH3; IFGP3; IRTA3; SPAP2; Fc receptor-like protein 3; FcR-like protein 3; FcRL3; Fc receptor homolog 3; FcRH3; IFGP family protein 3; hIFGP3; Immune receptor translocation-associated protein 3; SH2 domain-containing phosphatase anchor protein 2; CD307c
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	Purified by immunogen affinity chromatography
Specificity	Recognizes endogenous levels of CD307c protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	77,921 Da
OMIM	AY043466 mRNA
3D Structure	ModBase 3D Structure for Q96P31
Immunogen	Recombinant full length protein of human CD307c
Applications Tested/Suitable for anti-CD307c antibody	Western Blot (WB)
Application Notes for anti-CD307c antibody	WB: 1/500 - 1/2000
Related Product Information for anti-CD307c antibody	MBS8291625 is an antibody targeting CD307c. Reactive in Human, Mouse. Host: Rabbit. Rabbit polyclonal antibody to CD307c
Other Notes	Small volumes of anti-CD307c antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CD307c antibody
Western blot analysis of CD307c expression in HEK293T (A), Hela (B), mouse kidney (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD307c. It may not necessarily be applicable to this product.

NCBI GI #	998614219
NCBI GeneID	115352
NCBI Accession #	NP_001307262.1
UniProt Primary Accession #	Q96P31
UniProt Secondary Accession #	Q5VXZ8; Q8N6S2; Q96LA4; Q96P27; Q96P28; Q96P29; Q96P30; A0N0M4; A8MTH7; D3DVD2
UniProt Related Accession #	Q96P31
GenBank Nucleotide #	NM_001320333.1
NCBI Official Full Name	Fc receptor-like protein 3 isoform 3
NCBI Official Synonym Full Names	Fc receptor like 3
NCBI Official Symbol	FCRL3
NCBI Official Synonym Symbols	FCRH3; IFGP3; IRTA3; SPAP2; CD307c
UniProt Protein Name	Fc receptor-like protein 3
UniProt Synonym Protein Names	Fc receptor homolog 3Curated; FcRH3Curated; IFGP family protein 3; hIFGP3; Immune receptor translocation-associated protein 3; SH2 domain-containing phosphatase anchor protein 2; CD_antigen: CD307c
Protein Family	Fc receptor-like protein
UniProt Gene Name	FCRL3
UniProt Synonym Gene Names	FcR-like protein 3Curated; FcRL3Curated; FcRH3Curated; hIFGP3
NCBI Protein Information	Fc receptor-like protein 3
NCBI Summary for CD307c	This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein contains immunoreceptor-tyrosine activation motifs and immunoreceptor-tyrosine inhibitory motifs in its cytoplasmic domain and may play a role in regulation of the immune system. Mutations in this gene have been associated with rheumatoid arthritis, autoimmune thyroid disease, and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

UniProt Comments for CD307c	Promotes TLR9-induced B-cell proliferation, activation and survival but inhibits antibody production and suppresses plasma cell differentiation. Enhances activation of NF-kappa-B and MAPK signaling pathways in TLR9 stimulated B-cells (PubMed:23857366). Has inhibitory potentional on B-cell receptor (BCR)-mediated signaling, possibly through association with SH2 domain-containing phosphatases. Inhibits cell tyrosine phosphorylation, calcium mobilization and activation-induced cell death induced through BCR signaling (PubMed:19843936). Regulatory T-cells expressing FCRL3 exhibit a memory phenotype, are relatively nonresponsive to antigenic stimulation in presence of IL2 and have reduced capacity to suppress the proliferation of effector T-cells (PubMed:20190142, PubMed:19494275).
Research Articles on CD307c	**1.** Pooled genome wide association study identified a genetic variant upstream of FCRL3 as a susceptibility locus for Graves' disease in addition to those identified in the Major Histo-compatibility Complex.
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