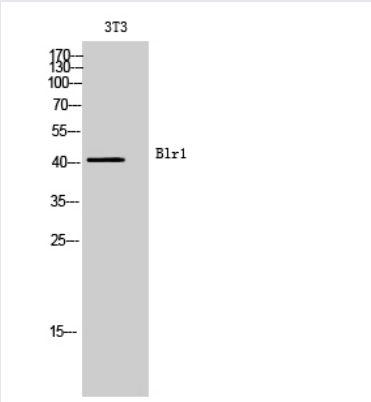
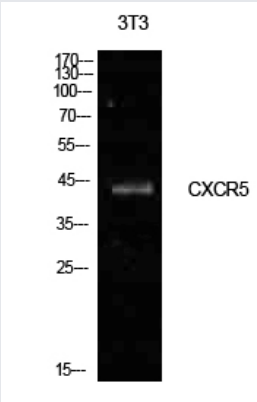
BLR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Blr1, Polyclonal Antibody
Full Product Name	Blr1 Polyclonal Antibody
Product Gene Name	anti-Blr1 antibody
Product Synonym Names	CXCR5; BLR1; MDR15; C-X-C chemokine receptor type 5; CXC-R5; CXCR-5; Burkitt lymphoma receptor 1; Monocyte-derived receptor 15; MDR-15; CD185
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	Blr1 Polyclonal Antibody detects endogenous levels of Blr1 protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	36,676 Da
OMIM	601613
3D Structure	ModBase 3D Structure for P32302
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the N-terminal region of human Blr1.
Target Name	Blr1
Product Categories/Family for anti-Blr1 antibody	Total protein Ab
Applications Tested/Suitable for anti-Blr1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-Blr1 antibody	Western Blot: 1:500 - 1:2000 ELISA: 1:10000 Not yet tested in other applications.
Related Product Information for anti-Blr1 antibody	MBS9405088 is an antibody targeting Blr1. Also known as Blr1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-Blr1 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-Blr1 antibody
Western Blot analysis of 3T3 cells using Blr1 Polyclonal Antibody



Western Blot (WB) of anti-Blr1 antibody
Western Blot analysis of NIH-3T3 cells using Blr1 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Blr1. It may not necessarily be applicable to this product.

NCBI GI #	4502415
NCBI GeneID	643
NCBI Accession #	NP_001707.1
UniProt Primary Accession #	P32302
UniProt Secondary Accession #	Q14811
UniProt Related Accession #	P32302
GenBank Nucleotide #	NM_001716.4
NCBI Official Full Name	C-X-C chemokine receptor type 5 isoform 1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 5
NCBI Official Symbol	CXCR5
NCBI Official Synonym Symbols	BLR1; CD185; MDR15
UniProt Protein Name	C-X-C chemokine receptor type 5
UniProt Synonym Protein Names	Burkitt lymphoma receptor 1; Monocyte-derived receptor 15; MDR-15; CD_antigen: CD185
UniProt Gene Name	CXCR5
UniProt Synonym Gene Names	BLR1; MDR15; CXC-R5; CXCR-5; MDR-15
UniProt Entry Name	CXCR5_HUMAN
NCBI Protein Information	C-X-C chemokine receptor type 5
NCBI Summary for Blr1	This gene encodes a multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

UniProt Comments for Blr1	CXCR5: Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes. May have a regulatory function in Burkitt lymphoma (BL) lymphomagenesis and/or B-cell differentiation. Belongs to the G-protein coupled receptor 1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Receptor, GPCR; Membrane protein, integral; Membrane protein, multi-pass; GPCR, family 1 Chromosomal Location of Human Ortholog: 11q23.3 Cellular Component: integral to plasma membrane; plasma membrane; external side of plasma membrane Molecular Function: G-protein coupled receptor activity; protein binding; C-X-C chemokine receptor activity Biological Process: positive regulation of cytokinesis; G-protein coupled receptor protein signaling pathway; B cell activation; immune response; chemotaxis; cell motility; lymph node development
Research Articles on Blr1	**1.** After validation in larger patient groups, CXCR5 and CXCL13 may prove useful as biomarkers for nonsmall cell lung carcinoma Correspondingly, blockade of this axis could serve as an effective therapy for nonsmall cell lung carcinoma.
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