

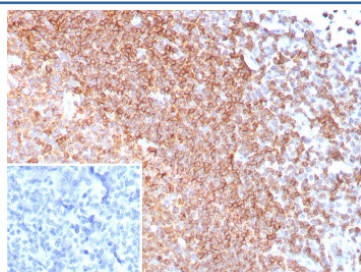
## CD185 Antibody / CXCR5 / BLR1 / MDR15 [clone CXCR5/8279R] (V4214)

Catalog No.	Formulation	Size
V4214-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4214-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4214SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

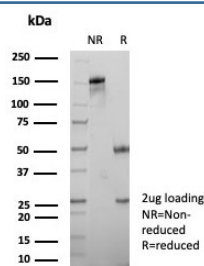
Recombinant **RABBIT MONOCLONAL**

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	CXCR5/8279R
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P32302
<b>Localization</b>	Cell membrane
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
<b>Limitations</b>	This CD185 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with CD185 antibody (clone CXCR5/8279R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD185 antibody (clone CXCR5/8279R) as confirmation of integrity and purity.

## Description

Burkitt's lymphoma receptor 1 (Blr1), also called CD185, CXCR5 and MDR15, is a lymphocyte specific chemokine receptor expressed at low levels in secondary lymphoid tissues and in defined structures of the cerebellum. The G protein-coupled receptor has significant homology to other chemokine receptors. Stimulation of Blr1 by its ligand, B-lymphocyte chemoattractant (BLC) results in an influx of calcium into the cell and the chemotaxis of the cell. Blr1 is required for B-cell migration into splenic and Peyer's patch follicles. BLC expression in Peyer's patches is highest in germinal centers, where B cells undergo somatic mutation and affinity maturation.

## Application Notes

Optimal dilution of the CD185 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 1-200) from the human protein was used as the immunogen for the CD185 antibody.

## Storage

Aliquot the CD185 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.