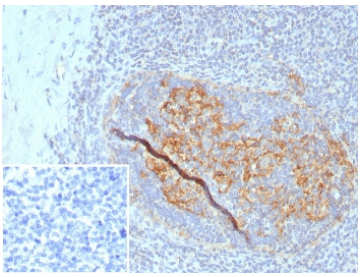
CD35 Antibody / Complement receptor 1 [clone CR1/8284R] (V4806)

Catalog No.	Formulation	Size
V4806-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4806-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4806SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CR1/8284R
Purity	Protein A/G affinity
UniProt	P17927
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This CD35 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with CD35 antibody (clone CR1/8223R). 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.

Description

CD35, complement receptor 1, is a cell membrane-bound, monomeric glycoprotein on numerous cell types including erythrocytes, leukocytes, glomerular podocytes, and follicular dendritic cells. The primary function of CD35 is to serve as

the cellular receptor for C3b and C4b, the most important components of the complement system leading to clearance of foreign macromolecules. CD35 antigen is found on erythrocytes, B cells, a subset of T cells, monocytes, as well as eosinophils, and neutrophils. Anti-CD35 is considered a mature B-cell marker which labels follicular dendritic reticulum cells and tumors derived from such cells such as follicular dendritic cell tumor/sarcoma.

For a validated reference of CD35 expression highlighting follicular dendritic cell networks in lymphoid tissue, see CD35 antibody clone CR1/6378 with supporting immunohistochemistry data.

Application Notes

Optimal dilution of the CD35 antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 600-900) from the human protein was used as the immunogen for the CD35 antibody.

Storage

Aliquot the CD35 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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