

Anti-CD21 Antibody
Mouse monoclonal antibody to CD21
Catalog # AP61605**Specification**

Anti-CD21 Antibody - Product Information

Application	IH, IF, IP
Primary Accession	P20023
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	112916

Anti-CD21 Antibody - Additional Information**Gene ID** 1380**Other Names**

C3DR; Complement receptor type 2; Cr2; Complement C3d receptor; Epstein-Barr virus receptor; EBV receptor; CD21

Target/Specificity

Recognizes endogenous levels of CD21 protein.

Dilution

IH~~IH (1/100 - 1/300)

IF~~IH (1/100 - 1/300)

IP~~IH (1/100 - 1/300)

Format

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD21 Antibody - Protein Information**Name** CR2**Synonyms** C3DR**Function**

Receptor for complement C3, for the Epstein-Barr virus on human B-cells and T-cells and for HNRNPU (PubMed:7753047). Participates in B lymphocytes activation (PubMed:7753047).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

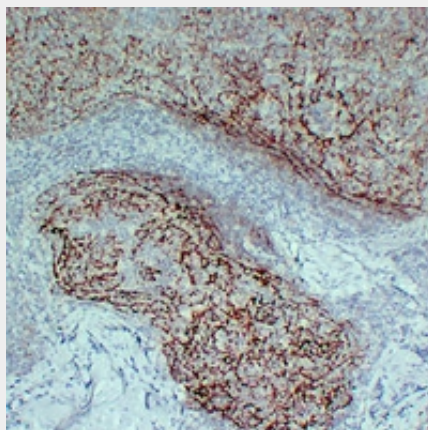
Mature B-lymphocytes, T-lymphocytes, pharyngeal epithelial cells, astrocytes and follicular dendritic cells of the spleen

Anti-CD21 Antibody - Protocols

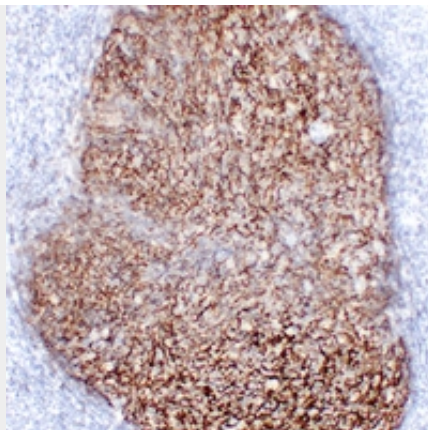
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

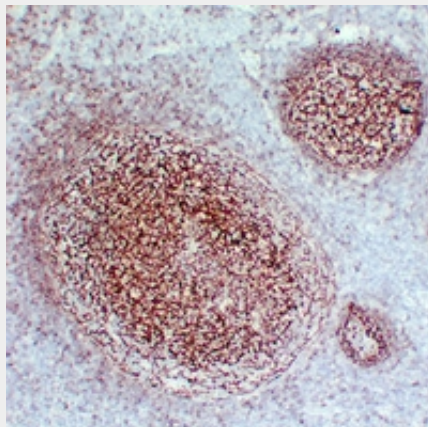
Anti-CD21 Antibody - Images



Immunohistochemical analysis of CD21 staining in human follicular lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Immunohistochemical analysis of CD21 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-CD21 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within human CD21. The exact sequence is proprietary.