CD35 monoclonal antibody

Catalog: MB66112 Host: Mouse Reactivity: Human

BackGround:

Complement receptor type 1`(CR1; CD35) is a type I transmembrane glycoprotein that is expressed on the surface of B cells, neutrophils, monocytes and renal podocytes. As a component of the host innate immune system, CR1/CD35 expressed on neutrophils and monocytes binds to ligands coated with the complement opsonins, C3b and C4b, which facilitates phagocytosis and production of proinflammatory cytokines. CR1/CD35 also participates in negative regulation of the complement cascade through its ability to promote dissociation of C3 and C5 convertases and by serving as one of multiple cofactors for Factor-I-mediated cleavage and inactivation of C3b and C4b.

Product:

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 223kDa

Swiss-Prot:

P17927

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC (1/100 - 1/300)

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of CD35 protein.

DATA:

Immunohistochemical analysis of CD35 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.

Immunohistochemical analysis of CD35 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.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151