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## **Cyclic ADP Ribose Hydrolase (CD38) Antibody (OC-515)**

Catalogue No.: abx200252

The monoclonal antibody is directed against the CD38-antigen, which is strongly expressed plasma cell. The CD 38-antigen is expressed at variable levels on the majority of hemopoietic cells, prevalently during early differentiation and activation.

**Target:** CD38

**Reactivity:** Human

**Host:** Mouse

**Clonality:** Monoclonal

**Tested Applications:** FCM

**Recommended dilutions:** FCM: 20 µl/1 million cells. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** BJAB human B cell line.

**Purification:** Affinity Chromatography

**Form:** Liquid

**Isotype:** IgG<sub>1</sub>

**Conjugation:** OC-515

**Specificity:** It is expressed at high levels on plasma cells and activated T and B cells. By functioning as both a cyclase and a hydrolase, CD38 mediates lymphocyte activation, adhesion, and the metabolism of cADPR and NAADP. CD31 is the ligand of CD38.

**Storage:** Store in the dark at 2-8 °C.

**Molecular Weight:** 45 kDa

**Swiss Prot:** [P28907](#)

**GeneID:** [952](#)

**Buffer:** The reagent is provided in aqueous buffered solution containing protein stabilizer, and ≤0.09% sodium Azide

**Note:** This product is for research use only.