

Leukocyte Surface Antigen CD53 (CD53) Antibody (CF-Blue)

Catalogue No.: abx200371

Recognizes the human CD53 cell surface antigen, a glycoprotein of 32-40 kDa. CD53 is expressed by all leucocytes, but is absent from erythrocytes and platelets. A number of eukaryotic cell surface antigens have been shown to be related, including mammalian leukocyte antigen CD37, mammalian lysosomal membrane protein CD63, human tumour-associated antigen CD-029, and several others. These proteins are all type II membrane proteins: they contain an N-terminal transmembrane (TM) domain, which acts both as a signal sequence and a membrane anchor, and 3 additional TM regions (hence the name 'TM4'). The sequences contain a number of conserved cysteine residues.

Target: CD53**Reactivity:** Human, Monkey**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:** Leucocytes of patient suffering from a LGL-type leukaemia.**Purification:** Affinity Chromatography**Form:** Liquid**Isotype:** IgG₁**Conjugation:** CF-Blue**Specificity:** The antigen, 32-40kDa, is a single chain glycoprotein on most leucocytes. There is no cross-reactivity with erythrocytes or platelets. The antibody recognises a broad span of leucocytes of both normal and neoplastic plasma cells.**Storage:** Store in the dark at 2-8 °C.**Molecular Weight:** 32-40 kDa**Swiss Prot:** [P19397](#)**GeneID:** [963](#)

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Buffer: The reagent is provided in aqueous buffered solution containing protein stabilizer, and $\leq 0.09\%$ sodium Azide

Note: This product is for research use only.