

Anti-CD45 [33G8_91] Bulk Size Ab02190-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This reformatted human antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 33G8_91

Alternative Name(s) of Target: L-CA; Receptor-type tyrosine-protein phosphatase C; T200; Leukocyte common antigen

UniProt Accession Number of Target Protein: P08575

Published Application(s): SPR, ELISA

Published Species Reactivity: Human

Immunogen: The original Fab version of this antibody was obtained by recombinant antibody phage display.

Specificity: This antibody recognizes CD45 (Receptor-type tyrosine-protein phosphatase C). It is a protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4.

Application Notes: Strong binding of the antibody 33G8_91 to CD45 was validated using ELISA. This clone is recommended for the detection and analysis of human CD45 antigen.

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.