

□ Cat # RP-922

Recombinant Human CD45

Size: □ 2 ug

CD45 leukocyte common antigen (LCA) belongs to the family of at least four isoforms of membrane glycoproteins (220, 205, 190, 180kDa) expressed on hematopoietic cell lines but absent on non-hematopoietic cell lines, normal and malignant non-hematopoietic tissues. The intracellular portion of these molecules has protein phosphatase activity and is involved in regulation of transmembrane signals.

Leukocyte common antigen, EC 3.1.3.48, L-CA, T200, CD45 antigen, PTPRC, LCA, LY5, B220, CD45, GP180

SOURCE:

CD45 Human Recombinant (aa 1102-1150) expressed in E.coli, shows a 33 kDa band on SDS-PAGE (Including GST). CD45 at 100µg/1ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

APPLICATION AND SUGGESTED DILUTIONS:

ELISA, Inhibition Assays, Western Blotting. Users must optimize the appropriate concentration and conditions for each assay.

STORAGE & STABILITY:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. If supplied in powder then reconstitute it in 100ul water for 1mg/mL stock and store in liquid at 4°C for ~ 1week or aliquots in suitable size and store at -20°C for long term storage.

USAGE:

This item is for LABORATORY RESEARCH USE ONLY.

Related items

CD45F-100	Anti-Human CD45-FITC conjugate
CD45P-100	Anti-Human CD45-PE conjugate
CD45PC-100	Anti-Human CD45-PE-Cy5-conjugate
CD45RAF-100	Anti-Human CD45RA-FITC conjugate
CD45RAP-100	Anti-Human CD45RA-PE conjugate
CD45RAPC-100	Anti-Human CD45RA-PE-Cy5-conjugate
CD45RAUL-100	Anti-Human CD45RA, Unlabeled
CD45UL-100	Anti-Human CD45, Unlabeled

Antibodies to mouse and rat CD45 also available.

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