

CD45 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251175

Unit: 0.1 mg

Description:

The CD45 antigen (Receptor-type tyrosine-protein phosphatase C, PTPRC) is a protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. CD45 acts as a positive regulator of T-cell coactivation upon binding to DPP4. Defects in CD45 are a cause of severe combined immunodeficiency autosomal recessive T-cell negative/B-cell-positive/NK-cell-positive (T-B+NK+ SCID). Genetic variations in CD45 are involved in multiple sclerosis susceptibility.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

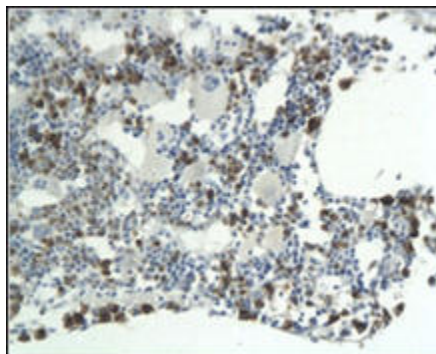
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Leukocyte common antigen; L-CA; T200; CD45 antigen; PTPRC; Receptor-type tyrosine-protein phosphatase C; CD45

Accession No.: P08575

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD45.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD45 staining in rat ovary. Paraffin-embedded rat ovary is stained with CD45 Antibody (Cat. No. 251175) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Karaca T et al. 2011. Elsevier. Allergologia et Immunopathologia. 40(6):357-61. PMID# 22115572.

For research use only, not for diagnostic or therapeutic procedures.