
CD45 (4A8A) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252847

Unit: 0.1 ml

Description:

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: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

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

Accession No.: P08575

Antigen: Purified recombinant fragment of CD45 expressed in E. coli.

Application Notes: E: 1:500-1:1000; WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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