

Datasheet

Ptprc monoclonal antibody, clone EM-05

Catalog Number: MAB6467

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Ptprc.

Clone Name: EM-05

Immunogen: Native purified Ptprc from mouse peripheral blood leukocytes.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, ICC, IP, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with mouse CD45 antigen (Leukocyte Common Antigen), a single chain type I transmembrane protein expressed at high level on cells of hematopoietic origin, except erythrocytes and platelets.

Form: Liquid

Isotype: IgG

Recommend Usage: Immunocytochemistry
Immunoprecipitation
Flow Cytometry (2 ug/mL)
Western Blot
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction: Store at 4°C. Do not freeze.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 19264

Gene Symbol: Ptprc

Gene Alias: B220, CD45R, Cd45, Ly-5, Lyl-4, T200, loc

References:

1. Involvement of CD45 in DNA fragmentation in apoptosis induced by mitochondrial perturbing agents. Desharnais P, Dupere-Minier G, Hamelin C, Devine P, Bernier J. Apoptosis. 2008 Feb;13(2):197-212.
2. Combinations of CD45 isoforms are crucial for immune function and disease. Dawes R, Petrova S, Liu Z, Wraith D, Beverley PC, Tchilian EZ. J Immunol. 2006 Mar 15;176(6):3417-25.
3. CD45 isoform RB as a molecular target to oppose lipopolysaccharide-induced microglial activation in mice. Townsend KP, Vendrame M, Ehrhart J, Faza B, Zeng J, Town T, Tan J. Neurosci Lett. 2004 May 13;362(1):26-30.