

CD 45R

Cat.No. HS-427 017; Monoclonal rat antibody, 200 µl purified IgG (lyophilized)

Data Sheet

Reconstitution/Storage	200 µl purified IgG, lyophilized. Albumin and azide were added for stabilization. For reconstitution add 200 µl H ₂ O to get a 1 mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	IHC-P/FFPE: 1 : 100
Clone	GHH45/97A2
Subtype	IgG2b
Immunogen	Synthetic peptide corresponding to AA 1284 to 1291 from mouse PTPRC (UniProt Id: P06800-1)
Epitop	Epitop: AA 1284 to 1291 from mouse PTPRC (UniProt Id: P06800-1)
Reactivity	Reacts with: mouse (P06800-1). Other species not tested yet.
Specificity	The antibody recognizes all CD 45 isoforms.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

CD 45R, also designated as Leucocyte Common Antigen (**LCA**) or Protein tyrosine phosphatase receptor type C (**PTPRC**), is a type I transmembrane protein expressed on all leukocytes. CD 45R has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. Several isoforms of CD 45 have been identified, the expression of which differs according to cell type and functional status. Clone GHH45 is raised against a conserved region at the C-terminus of CD 45R.

Selected General References

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The Journal of molecular and cellular immunology : JMCI (1988) 4(2): 71-85.

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