



Anti-CD45 Mouse Monoclonal Antibody(9B7)

Catalog No.	EM42006-01	EM42006-02
Size	50µl	100µl
Species	Human Mouse Rat	Molecular 147KD

Background: CD45 is a family of single chain transmembrane glycoproteins consisting of at least four isoforms which share a common large intracellular domain. Their extracellular domains are heavily glycosylated. The different isoforms are produced by alternative messenger RNA splicing of three exons of a single gene on chromosome 1. CD45 is expressed on cells of the human hematopoietic lineage (including hematopoietic stem cells) with the exception of mature red cells. It is not detected on differentiated cells of other tissues. It is likely that CD45 plays an important role in signal transduction, inhibition or upregulation of various immunological functions. Antibodies recognising a common epitope on all of the isoforms are termed CD45.

Specificity: The CD45 Mouse Monoclonal antibody detects endogenous CD45 proteins.

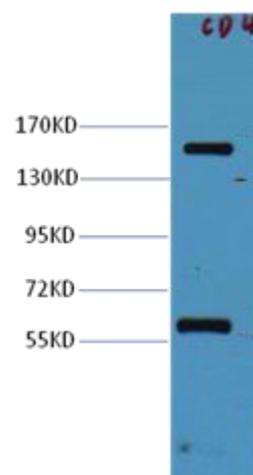
Application: WB 1:2000 IHC 1:200

Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



Western blot analysis of HeLa with CD45 mAb diluted at 1:2,000.

