

## Product datasheet for **TA355256**

### CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: X16/99]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	X16/99
Applications:	IHC
Recommended Dilution:	1:40
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Peripheral blood cells from a patient with T cell lymphoma
Specificity:	Human CD45 molecule
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	protein tyrosine phosphatase, receptor type C
Database Link:	<a href="#">Entrez Gene 5788 Human P08575</a>
Background:	The CD45 antigen (leukocyte common antigen) is a family of five or more high molecular weight glycoproteins present on the surface of the majority of the human leukocytes (including lymphocytes, monocytes and eosinophils) but absent from erythrocytes and platelets. Various isoforms of CD45 are generated by alternative splicing of three exons. Expression of CD45 is necessary for signaling through the T cell receptor.
Synonyms:	B220; CD45; CD45R; glycoprotein; GP180; L-CA; LCA; LY5; T200



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