

## Product datasheet for **DM3535P**

### CD45 / LCA (CD45R) Rat Monoclonal Antibody [Clone ID: 9F14]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	9F14
Applications:	FC, IHC
Recommended Dilution:	<b>FACS analysis:</b> 1/100-1/400. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/200.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Mouse Leukemia virus-induced pre-B tumor cells
Specificity:	CD45R is commonly used as a pan-B cell marker; however, CD19 may be more appropriate for B cell specificity.
Formulation:	0.2 µm filtered PBS State: Purified State: Lyophilized purified IgG fraction of the Culture Supernatant Stabilizer: None
Reconstitution Method:	Restore the antibody with 200 µl sterile PBS (final concentration 0.5 mg/ml).
Concentration:	0.5 mg/ml after reconstitution
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type, C
Database Link:	<a href="#">Entrez Gene 19264 Mouse P06800</a>

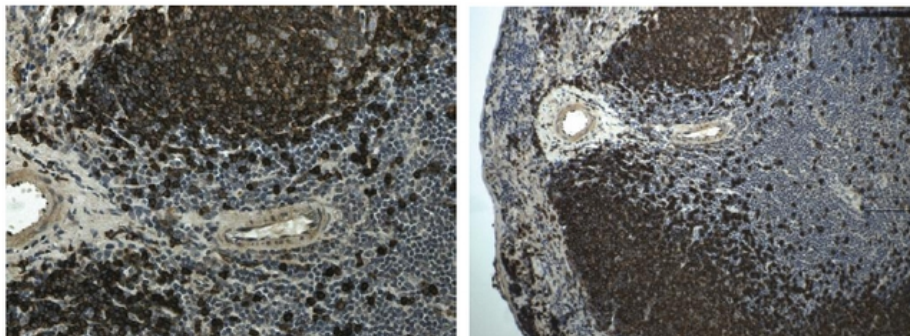


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**Background:** CD45R is an isoform of CD45, also known as B220. It is a member of the protein tyrosine phosphatase (PTP) family with a molecular weight approximately 180-240 kD. CD45R is expressed on B cells (at all developmental stages from pro-B cells through mature B cells), activated B cells, subsets of T and NK cells.

**Synonyms:** PTPRC, Leukocyte common antigen, L-CA, T200

**Product images:**



Paraffin Sections of Mouse Spleen from LPSEXPOSED animals stained with CD45R Antibody  
Cat.-No DM3535P