

Rat monoclonal anti mouse CD45R (B220)

ORDERING INFORMATION

Catalog Number:	mAP-0063
Size:	100 µg
Storage:	< -20° C
Immunogen:	Leukemia virus-induced pre-B tumor cells
Ig Type:	Rat IgG2
Clone	RM0063-9F14
Applications:	FC and IHC (Paraffin)

Introduction: 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.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Murine leukemia virus-induced pre-B tumor cells**).

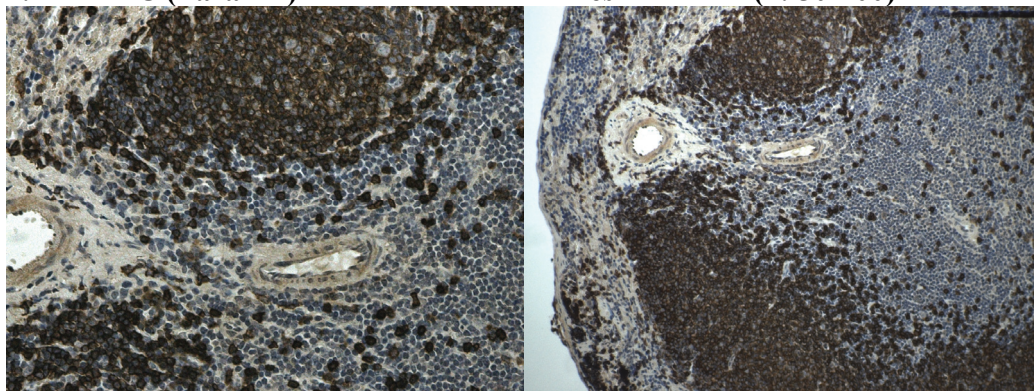
Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500 µl sterile PBS (final concentration 400µg/ml). Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: CD45R is commonly used as a pan-B cell marker; however, CD19 may be more appropriate for B cell specificity.

Application(s)

1. FC	Yes	(1:100-400)
2. IHC (Paraffin)	Yes	(1: 50-200)



CD45R (B220) immunohistochemistry staining of paraffin sections of mouse Spleen from LPS exposed animals.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

For Research Use Only

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, angioproteomie@gmail.com