Anti-Mouse CD45R (B220) (#9F14)

20150126ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**103-M205**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse Leukemia virus-induced pre-B tumor cells. IgG2 fraction of the culture supernatant was purified by Protein A/G affinity chromatography.

Target Background

Synonyms (Target):	B220

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.

Database References Target

Protein RefSeq:	NP_001104786.2
Uniprot ID:	P06800
mRNA RefSeq:	NM_001111316.2

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#9F14)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	Leukemia virus-induced pre-B tumor cells
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect mouse CD45R.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

IHC (P), FC

Recommended usage:

Flow cytometry: 1:100 - 1:400

IHC (paraffine): 1:50 - 1:200

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!

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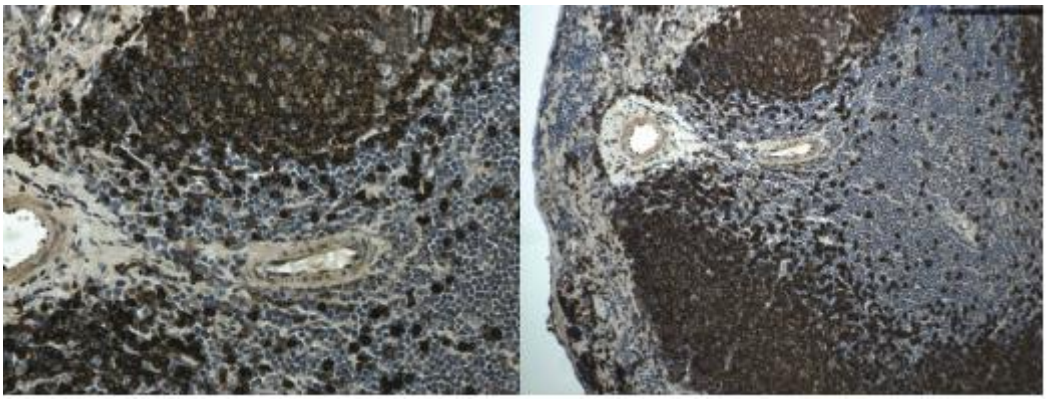
Application/Handling



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

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