



20150116ML

Anti-Mouse CD72 (#4G10)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M344
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 recombinant protein of CD72.

Target Background

Synonyms (Target):	Cd72; CD72c; Ly-19; Ly-32; Lyb-2; Ly-m19
---------------------------	--

CD72, also known as Lyb2, is a transmembrane lectin-like inhibitory receptor expressed on B lineage cells.

Database References Target

Protein RefSeq:	NP_031680.2
Uniprot ID:	P21855
mRNA RefSeq:	NM_007654.2

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#4G10)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	Mouse recombinant protein CD72
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 detects specifically mouse CD72 with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-2000

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