



20180406BB

Anti-Mouse CD11c (#MAB0806)

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

Cat.-no.:	103-M156
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from an armenian hamster) immunized with mouse lymphocytes.

Target Background

Synonyms (Target):	ITGAX; CD11C; SLEB6
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Integrins are transmembrane proteins that mediate interactions between adhesion molecules on adjacent cells and/or the extracellular matrix (ECM). Integrins have diverse roles in several biological processes including cell migration during development and wound healing, cell differentiation, and apoptosis. Their activities can also regulate the metastatic and invasive potential of tumor cells. They exist as heterodimers consisting of alpha and beta subunits. Some alpha and beta subunits exhibit specificity for one another and may be designated as a VLA (very late antigen) member. Heterodimers often preferentially bind certain cell adhesion molecules, or constituents of the ECM. Although they have no catalytic activity, integrins can be part of multimolecular signaling complexes known as focal adhesions.

Database References Target

Protein RefSeq:	NP_067309
Uniprot ID:	Q9QXH4
mRNA RefSeq:	NM_021334

Product Specifications

Host	Hamster
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#MAB0806)
Isotype	IgG
Purification	Protein G/A chromatography
Antigen	Mouse lymphocytes
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 CD11c.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

IHC (P), FC, IP

Recommended usage:

IHC (paraffine): 1:25 - 1:100

Flow cytometry: 1:100 - 1:1000

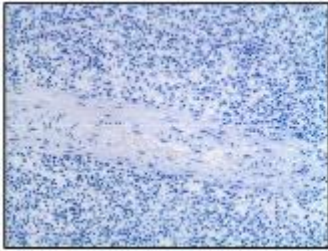
Immunoprecipitation: Yes

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



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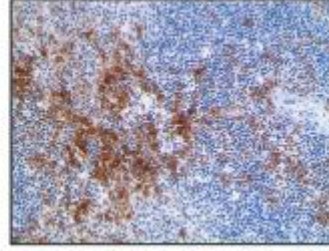
Application/Handling



Negative Control



103-M156



103-M156

Fig. 1: 4% PFA fixed and paraffin embedded mouse spleen tissue section was subjected to IHC staining of mouse CD11c using 103-M156.