

F4/80 antibody [Cl:A3-1] (Low endotoxin, azide free)

Cat. No. GTX41205

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, IHC (Resin sections), IHC, Neutralizing /Inhibition, RIA
Reactivity	Human, Mouse, Rat

References (50)

Package

500 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	1/100-1/200
IP	Assay dependent
IHC (Resin sections)	Assay dependent
IHC	Assay dependent
Neutralizing /Inhibition	Assay dependent
RIA	Assay dependent

Note : Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.**Anti-F4/80 mAb specifically inhibits IFN-g production in HKL-stimulated SCID WSC cultures (Warschkau & Kiderlen, 1999).**

Not tested in other applications.

Calculated MW 102 kDa. ([Note](#))**Product Note**

This antibody recognizes murine F4/80 antigen which shares 68% overall amino acid identity with human EGF module-containing mucin-like hormone receptor 1 (EMR1).

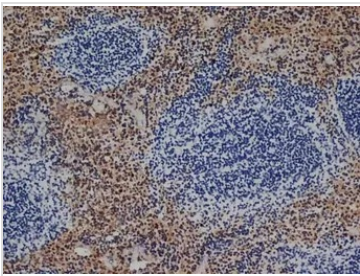
Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives

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Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Thioglycollate stimulated peritoneal macrophages from C57BL/6 mice.
Purification	Protein G purified From tissue culture supernatant
Endotoxin	< 0.01 EU/μg (determined by the LAL assay)
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX41205 IHC-Fr Image

IHC-Fr analysis of mouse spleen tissue using GTX41205 F4/80 antibody at 1/100



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