

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.

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|----------------------|---|
| 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

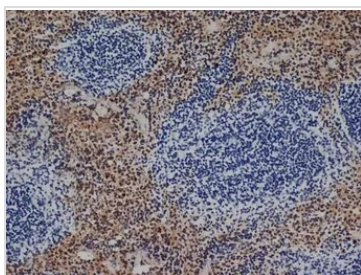
| | |
|---------------------|------------------|
| Form | Liquid |
| Buffer | PBS |
| Preservative | No preservatives |



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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 | <p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p> |

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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