F4/80 antibody [CI:A3-1]

Cat. No. GTX26640

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

References (52)
Package
250 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	1/50-1/100
IP	Assay dependent
EM	Assay dependent
IHC (Resin sections)	Assay dependent
IHC	Assay dependent
RIA	Assay dependent

Note : Clone A3-1 requires pre-treatment of paraffin sections prior to staining. Proteinase K is recommended for tissues fixed for less than 24 hours. Citrate buffer pH 6.0, 10mins is recommended for tissues fixed for more than 24 hours.
Use 10µl of the suggested working dilution to label 106 cells in 100µl.

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	0.09% Sodium azide

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
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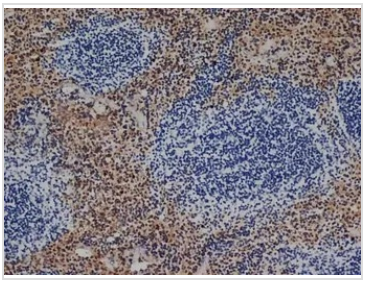
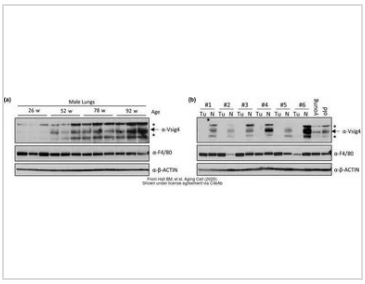
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1.0 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Thioglycollate stimulated peritoneal macrophages from C57BL/6 mice.
Purification	Protein G purified From tissue culture supernatant
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



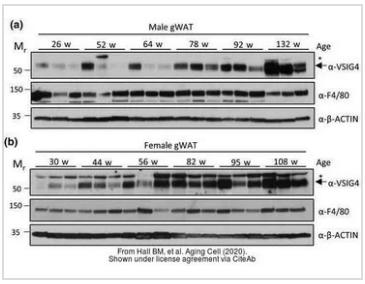
GTX26640 IHC-Fr Image

IHC-Fr analysis of mouse spleen tissue using GTX26640 F4/80 antibody [Cl:A3-1].



GTX26640 WB Image

The data was published in the 2020 in Aging Cell. PMID: 32856419



GTX26640 WB Image

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