

F-Actin antibody [NH3]

Cat. No. GTX20205

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Applications	WB, ICC/IF, IHC-Fr, FCM, ELISA
Reactivity	Human, Mouse, Rat, Rabbit

References (4)

Package

500 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1/100-1/500
ICC/IF	1:100-1:1000
IHC-Fr	Assay dependent
FCM	1/10
ELISA	Assay dependent

Note : Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

Not tested in other applications.

Product Note

This antibody recognizes human Filamentous actin (F-actin). The antibody binds to the N-terminal region of actin, but not to the extreme N-terminal 40 amino acids.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
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	1.0 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human monocytes and U937 cell line.
Purification	Purified IgM From tissue culture supernatant
Conjugation	Unconjugated



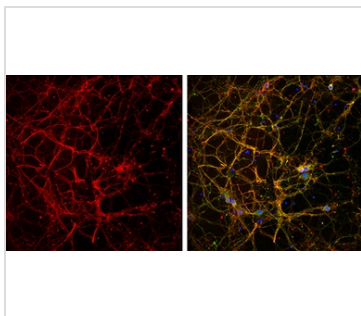
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Note

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

**GTX20205 ICC/IF Image**

F-Actin antibody [NH3] detects F-Actin protein at cytoskeleton by immunofluorescent analysis.

Sample: Cultured rat E18 primary cortical neuron, DIV 8. Cells were fixed in 4% paraformaldehyde at RT for 15 min.

Red: F-Actin protein stained by F-Actin antibody [NH3] (GTX20205) diluted at 1:250.

Green: NF-M, stained by NF-M antibody (GTX85461) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



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