

Actin antibody [AC-40]

Cat. No. GTX11003

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-Fr, ELISA
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Sheep, Bovine, Dog, Hamster, Chicken, Guinea pig, Pig, Monkey, Carp, Snail, Viper, Xenopus

References (25)

Package

100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	1:200
IHC-Fr	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Ascites
Preservative	15mM 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.
Immunogen	synthetic actin C-terminal peptide Ser-Gly-Pro-Ser-Ile-Val-His-Arg-Lys-Cys-Phe, attached to a Multiple Antigen Peptide (MAP) backbone.
Purification	Unpurified
Conjugation	Unconjugated

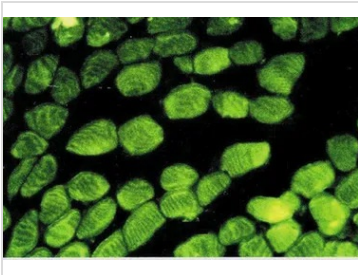
Note

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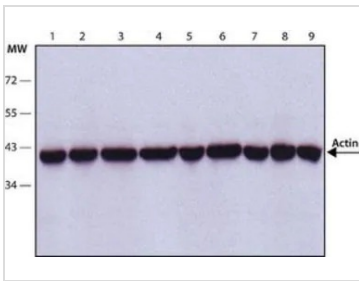
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DATA IMAGES



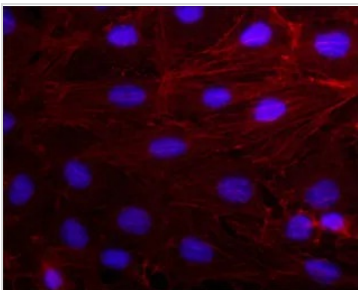
GTX11003 IHC-Fr Image

IHC-Fr analysis of human tongue tissue using GTX11003 Actin antibody [AC-40].



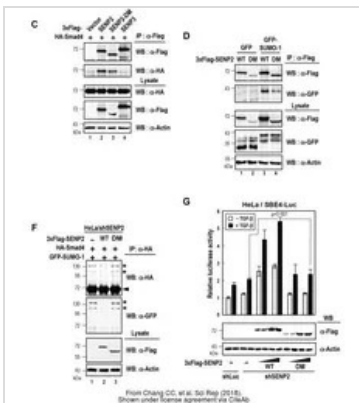
GTX11003 WB Image

WB analysis of (1) HeLa, (2) Jurkat, (3) COS7, (4) NIH3T3, (5) PC-12, (6) RAT2, (7) CHO, (8) MDBK, and (9) MDCK lysates using Actin antibody [AC-40] at 1:500.



GTX11003 ICC/IF Image

ICC/IF analysis of Rat2 cells using GTX11003 Actin antibody [AC-40] at 1:250 (red) with DAPI (blue). Cells were fixed and permeabilized with methanol followed by methanol:acetone.



GTX11003 WB Image

The data was published in the journal Sci Rep in 2018. [PMID: 29955155](https://pubmed.ncbi.nlm.nih.gov/29955155/)



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