

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

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

Note

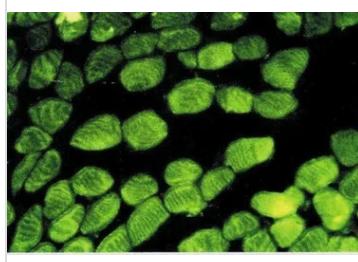
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

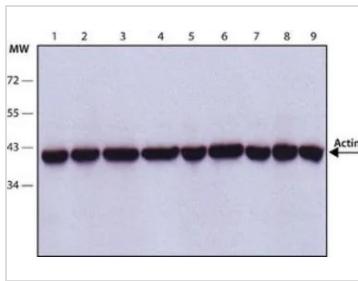
Date 2026 / 01 / 08 Page 1 of 2

DATA IMAGES



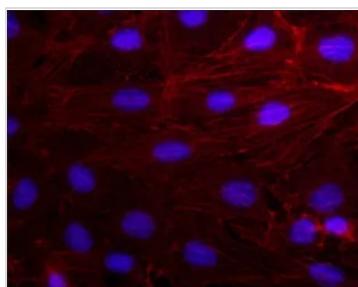
GTX11003 IHC-Fr Image

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



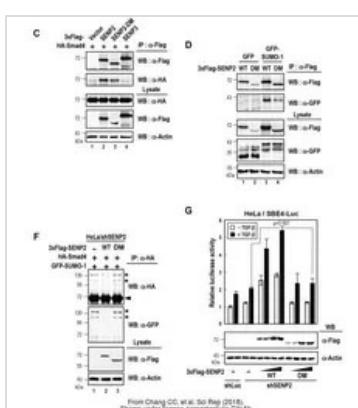
GTX11003 WB Image

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://doi.org/10.1038/s41598-018-29955-1)



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 08 Page 2 of 2