

# Actin antibody [2Q1055]

**Cat. No. GTX14128**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	WB, ICC/IF, IHC
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
50 µg

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000
ICC/IF	1:500
IHC	Assay dependent

Not tested in other applications.

### Product Note

Recognizes all six isoforms of vertebrate actin, globular (G) and filamentous (F) forms. This clone is a pan-actin antibody that binds to an epitope in a highly conserved region of actin. Labels myotubes and stains myoblasts and fibroblasts. Does not interfere with actin polymerization to form filaments, at a ratio as high as one antibody per two actin monomers.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	100mM Tris-Glycine, 150mM NaCl
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Purified chicken gizzard actin. Epitope: Appears to be located in the N-terminal two thirds of the actin molecule, possibly near aa50-70.
<b>Purification</b>	Protein G purified
<b>Conjugation</b>	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.

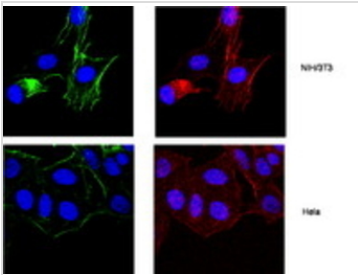
**DATA IMAGES**

**GTX14128 IHC Image**

IHC analysis of rat hippocampus tissue using GTX14128 Actin antibody [2Q1055].


**GTX14128 WB Image**

WB analysis of HEK293 cell lysate using GTX14128 Actin antibody [2Q1055].


**GTX14128 ICC/IF Image**

ICC/IF analysis of HeLa and NIH3T3 cells using GTX14128 Actin antibody [2Q1055].

Red : Primary antibody

Green : Phalloidin

Blue : DAPI



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