

**ACTG1 / Gamma Actin Antibody (clone 2A3)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14863****Specification**

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**ACTG1 / Gamma Actin Antibody (clone 2A3) - Product Information**

Application	IHC
Primary Accession	<a href="#">P63261</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Chicken
Host	Mouse
Clonality	Monoclonal
Calculated MW	42kDa KDa

**ACTG1 / Gamma Actin Antibody (clone 2A3) - Additional Information****Gene ID** 71**Other Names**

Actin, cytoplasmic 2, Gamma-actin, Actin, cytoplasmic 2, N-terminally processed, ACTG1, ACTG

**Target/Specificity**

Does not cross react with other actin isoforms. Reacts with human, pig, rabbit, rat, mouse and chicken. The epitope recognized is highly conserved and the antibody is therefore expected to react with many other species.

**Reconstitution & Storage**

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ACTG1 / Gamma Actin Antibody (clone 2A3) is for research use only and not for use in diagnostic or therapeutic procedures.

**ACTG1 / Gamma Actin Antibody (clone 2A3) - Protein Information****Name** ACTG1**Synonyms** ACTG**Function**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

**Cellular Location**

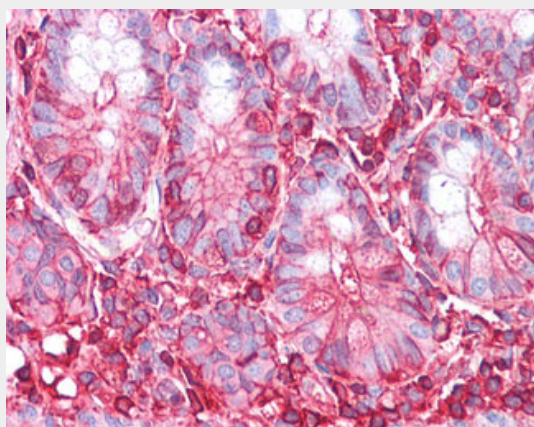
Cytoplasm, cytoskeleton

**ACTG1 / Gamma Actin Antibody (clone 2A3) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **ACTG1 / Gamma Actin Antibody (clone 2A3) - Images**



Anti-ACTG1 / Gamma-Actin antibody IHC of human small intestine.

#### **ACTG1 / Gamma Actin Antibody (clone 2A3) - Background**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

#### **ACTG1 / Gamma Actin Antibody (clone 2A3) - References**

- Erba H.P.,et al.Nucleic Acids Res. 14:5275-5294(1986).  
Erba H.P.,et al.Mol. Cell. Biol. 8:1775-1789(1988).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Kalnina N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.  
Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).