

# Product Datasheet

## Actin Gamma 1 Antibody (2A3) [PE] NBP1-97720PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97720PE**

Actin Gamma 1 Antibody (2A3) [PE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	2A3
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	PE
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	71
Gene Symbol	ACTG1
Species	Human, Mouse, Rat, Porcine, Chicken, Rabbit, Zebrafish
Reactivity Notes	The epitope recognized is highly conserved. The antibody therefore cross-reacts with many species including protochordates, lower craniates and mammals. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This mouse monoclonal IgG2b antibody highly specific for gamma-cytoplasmic actin (Actin Gamma 1; encoded by ACTG1). It does not cross-react with the Actin Gamma 1 isoform expressed in the enteric smooth muscle tissues (actin gamma 2; encoded by ACTG2).
Immunogen	Derived by fusion of NS0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a peptide comprising the N-terminal nonapeptide of gamma-cytoplasmic actin with an acetylated N-terminus (Ac-EEEIAALVI-COOH) coupled to keyhole limpet hemocyanin through the cysteine residue. The antibody does not cross react with other actin isoforms.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-97720PE**

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NBP2-27231PE	Mouse IgG2b Isotype Control (MPC-11) [PE]
NBP1-97720APC	Actin Gamma 1 Antibody (2A3) [Allophycocyanin]
H00000071-P01-10ug	Recombinant Human Actin Gamma 1 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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