

# Product Datasheet

## gamma Catenin Antibody (4C12) NBP2-37557

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 1/11/2026 v.20.1

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**NBP2-37557**

gamma Catenin Antibody (4C12)

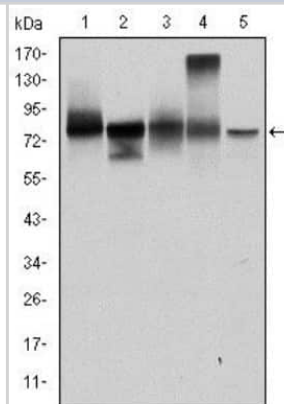
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C12
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ascites
Buffer	Ascites
Target Molecular Weight	82 kDa

Product Description	
Description	Novus Biologicals Mouse gamma Catenin Antibody (4C12) (NBP2-37557) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-gamma Catenin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3728
Gene Symbol	JUP
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28425175).
Immunogen	Purified recombinant fragment of human gamma Catenin expressed in E. Coli.

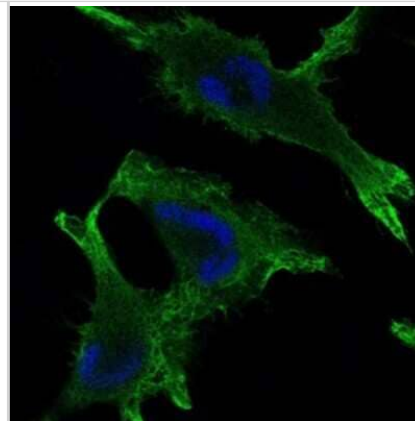
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

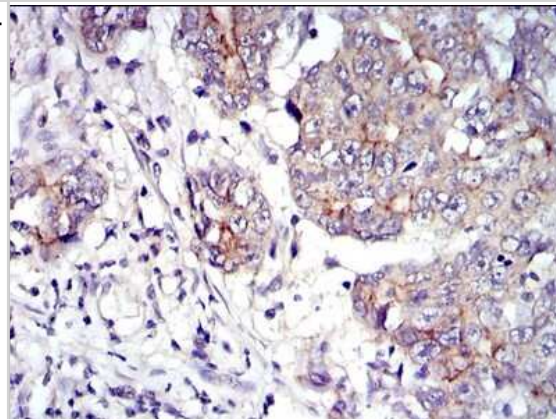
Western Blot: gamma Catenin Antibody (4C12) [NBP2-37557] - Western blot analysis using JUP mouse mAb against T47D (1), MCF-7 (2), SKBR-3 (3), A431 (4) and HEK293 (5) cell lysate.



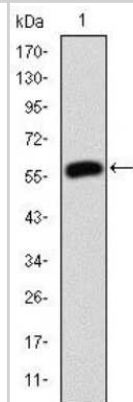
Immunocytochemistry/Immunofluorescence: gamma Catenin Antibody (4C12) [NBP2-37557] - Immunofluorescence analysis of U251 cells using JUP mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry: gamma Catenin Antibody (4C12) [NBP2-37557] - Immunohistochemical analysis of paraffin-embedded stomach cancer tissues using JUP mouse mAb with DAB staining.



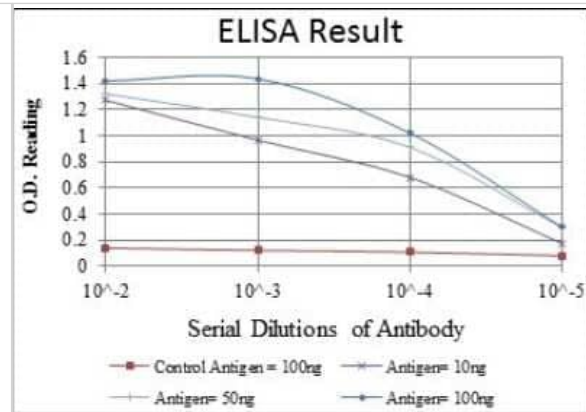
Western Blot: gamma Catenin Antibody (4C12) [NBP2-37557] - Western blot analysis using JUP mAb against human JUP (AA: 534-740) recombinant protein. (Expected MW is 48.5 kDa)



Immunohistochemistry: gamma Catenin Antibody (4C12) [NBP2-37557] - Immunohistochemical analysis of paraffin-embedded rectum tissues using JUP mouse mAb with DAB staining.



ELISA: gamma Catenin Antibody (4C12) [NBP2-37557] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Hamsch B, Chen B G et al. Methylglyoxal-mediated anxiolysis involves increased protein modification and elevated expression of glyoxalase 1 in the brain. *J Neurochem* 2010-01-06 [PMID: 20345757] (WB, Mouse)

Seo T, Sakon T, Nakazawa S et al. Haemorrhagic snake venom metalloproteases and human ADAMs cleave LRP5/6, which disrupts cell-cell adhesions in vitro and induces haemorrhage in vivo.. *FEBS J.* 2017-04-20 [PMID: 28425175] (Mouse)



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### **Products Related to NBP2-37557**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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