

# gamma Catenin Monoclonal Antibody (4C12)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	4C12
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human JUP expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11152434

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	-
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
ELISA (ELISA)	1:10,000	-

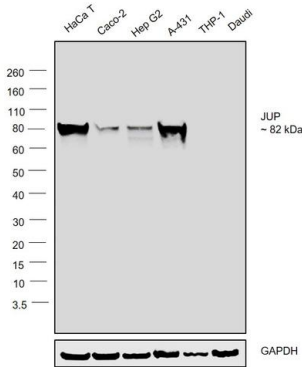
## Product Specific Information

MA5-15905 targets JUP in indirect ELISA, IF, IHC, and WB applications and shows reactivity with Human samples.

The MA5-15905 immunogen is purified recombinant fragment of human JUP expressed in E. Coli. .

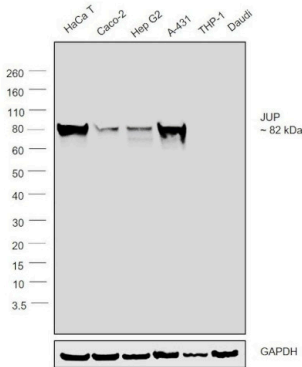
MA5-15905 detects JUP which has a predicted molecular weight of approximately 82kDa.

Product Images For gamma Catenin Monoclonal Antibody (4C12)



gamma Catenin Antibody (MA5-15905) in WB

Western blot was performed using Anti-gamma Catenin Monoclonal Antibody (4C12)(Product # MA5-15905) and a 82kDa band corresponding to gamma Catenin was observed across the cell lines tested except THP-1 and Daudi. Whole cell extracts (30 µg lysate) of HaCaT (Lane 1), Caco-2 (Lane 2), Hep G2 (Lane 3), A-431 (Lane 4), THP-1 (Lane 5) and Daudi (Lane 6) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177,1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

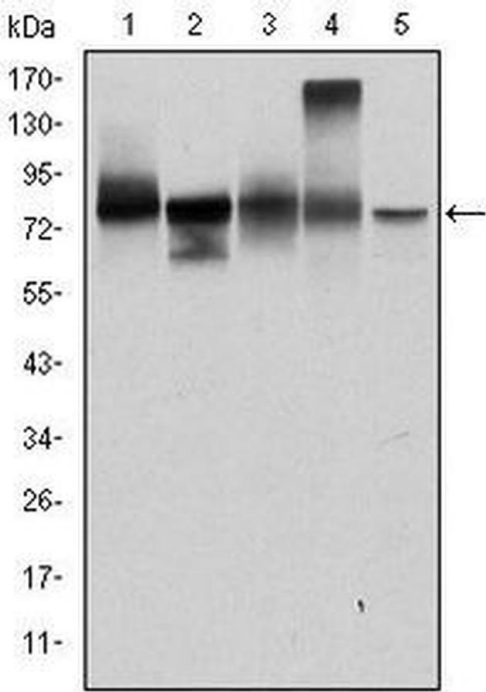


gamma Catenin Antibody (MA5-15905)

Antibody specificity was demonstrated by detection of differential basal expression of the target across the cell lines tested owing to their inherent genetic constitution. Relative expression of gamma Catenin was observed in HaCaT, Caco-2, Hep G2 and A-431 in comparison to THP-1 and Daudi using Anti-gamma Catenin Monoclonal Antibody (4C12) (Product # MA5-15905) in Western Blot. {RE}

gamma Catenin Antibody (MA5-15905) in WB

Western blot analysis of JUP using JUP monoclonal antibody (Product # MA5-15905) in T47D (1), MCF-7 (2), SKBR-3 (3), A431 (4) and HEK293 (5) cell lysate.



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