

WNT5A Monoclonal Antibody (6F2)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	6F2
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of WNT5A 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_10985211

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

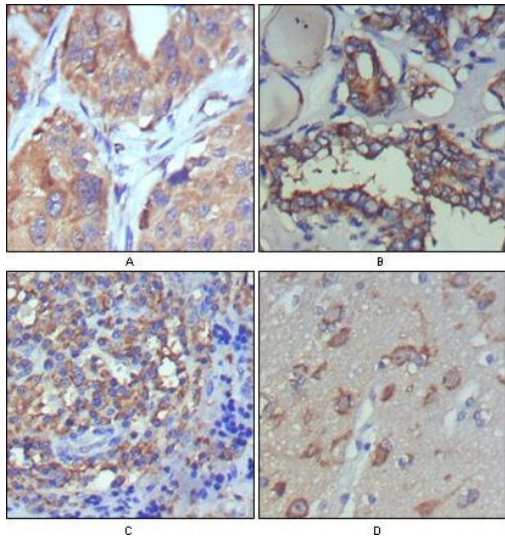
Product Specific Information

MA5-15502 targets WNT5A in indirect ELISA, IF, IHC, and WB applications and shows reactivity with Human samples.

The MA5-15502 immunogen is purified recombinant fragment of WNT5A expressed in E. Coli.

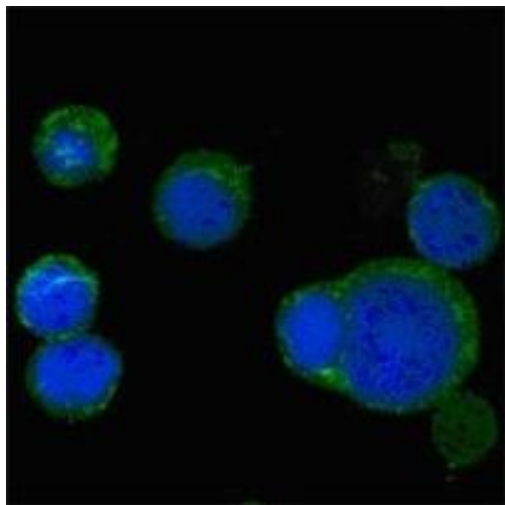
MA5-15502 detects WNT5A which has a predicted molecular weight of approximately 42.3kDa.

Product Images For WNT5A Monoclonal Antibody (6F2)



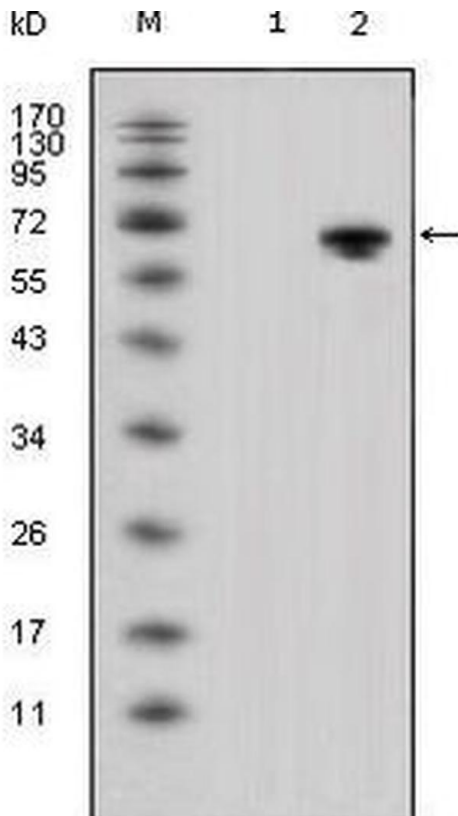
WNT5A Antibody (MA5-15502) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human lung cancer (A), thyroid cancer (B), lymph node (C) and brain (D) showing cytoplasmic and extracellular matrix localization using WNT5A monoclonal antibody (Product # MA5-15502) followed with DAB staining.



WNT5A Antibody (MA5-15502) in ICC/IF

Immunofluorescence analysis of PC-12 cells using WNT5A monoclonal antibody (Product # MA5-15502) (Green). Blue: DRAQ5 fluorescent DNA dye.



WNT5A Antibody (MA5-15502) in WB

Western blot analysis of WNT5A using WNT5A monoclonal antibody (Product # MA5-15502) in HEK293 (1) and WNT5A-human IgG Fc transfected HEK293 cell lysate (2).

6 References

Western Blot (2)

Scientific reports	Year 2022
MiR-26a-5p as a useful therapeutic target for upper tract urothelial carcinoma by regulating WNT5A/-catenin signaling. "Published figure using WNT5A monoclonal antibody (Product # MA5-15502) in Western Blot" Authors: Chung YH,Cheng YT,Kao YH,Tsai WC,Huang GK,Chen YT,Shen YC,Tai MH,Chiang PH	
Journal of tissue engineering and regenerative medicine	Year 2022
Amniotic stromal stem cell-loaded hydrogel repairs cardiac tissue in infarcted rat hearts via paracrine mediators. "MA5-15502 was used in Western Blotting to demonstrate the cardioprotective potential of a composite inserting human amniotic stromal mesenchymal stem cells (ASMCs) in a chitosan and hyaluronic acid (C/HA) based hydrogel in a rat MI model." Authors: Khan K,Makhoul G,Yu B,Jalani G,Derish I,Rutman AK,Cerruti M,Schwertani A,Cecere R	Species Human Dilution 1:1000

Immunohistochemistry (1)

Cell death & disease	Year 2021
Wnt5a promotes renal tubular inflammation in diabetic nephropathy by binding to CD146 through noncanonical Wnt signaling. "Published figure using WNT5A monoclonal antibody (Product # MA5-15502) in Immunohistochemistry" Authors: Li X,Wen J,Dong Y,Zhang Q,Guan J,Liu F,Zhou T,Li Z,Fan Y,Wang N	

Immunocytochemistry (2)

Cancer discovery	Year 2020
Infant High-Grade Gliomas Comprise Multiple Subgroups Characterized by Novel Targetable Gene Fusions and Favorable Outcomes. "MA5-15502 was used in Immunocytochemistry to collect the largest series of infant gliomas (exclusive of pilocytic astrocytomas) assembled to date and present a classification system based on integrated methylation profiling, fusion gene analysis, mutation detection, and histologic review, with preclinical and clinical evidence of effective targeting of the driving alterations in these unique entities." Authors: Clarke M,Mackay A,Ismer B,Pickles JC,Tatevossian RG,Newman S,Bale TA,Stoler I,Izquierdo E,Temelso S,Carvalho DM,Molinari V,Burford A,Howell L,Virasami A,Fairchild AR,Avery A,Chalker J,Kristiansen M,Hauptfear K,Dalton JD,Orisme W,Wen J,Hubank M,Kurian KM,Rowe C,Maybury M,Crosier S,Knipstein J,Schüller U,Kordes U,Kram DE,Snuderl M,Bridges L,Martin AJ,Doey LJ,Al-Sarraj S,Chandler C,Zebian B,Cairns C,Natrajan R,Boult JKR,Robinson SP,Sill M,Dunkel IJ,Gilheeney SW,Rosenblum MK,Hughes D,Proszek PZ,Macdonald TJ,Preusser M,Haberler C,Slavc I,Packer R,Ng HK,Caspi S,Popovi M,Faganel Kotnik B,Wood MD,Baird L,Davare MA,Solomon DA,Olsen TK,Brandal P,Farrell M,Cryan JB,Capra M,Karremann M,Schittenhelm J,Schuhmann MU,Ebinger M,Dinjens WNM,Kerl K,Hettmer S,Pietsch T,Andreiuolo F,Drierer PH,Korshunov A,Hiddingh L,Worst BC,Sturm D,Zuckermann M,Witt O,Bloom T,Mitchell C,Miele E,Colafati GS,Diomed-Camassei F,Bailey S,Moore AS,Hassall TEG,Lewis SP,Tsoli M,Cowley MJ,Ziegler DS,Karajannis MA,Aquilina K,Hargrave DR,Carceller F,Marshall LV,von Deimling A,Kramm CM,Pfister SM,Sahm F,Baker SJ,Mastronuzzi A,Carai A,Vinci M,Capper D,Popov S,Elison DW,Jacques TS,Jones DTW,Jones C	Species Human Dilution 1:800

More applications with references on thermofisher.com

ELISA (1)

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