Product Datasheet

Wnt2b Recombinant Rabbit Monoclonal Antibody (orb704335)

Catalog Number	orb704335
Category	Antibodies
Description	Wnt2b Recombinant Rabbit Monoclonal Antibody
Target	WNT2B
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	Recombinant human Wnt2b
UniProt ID	Q93097
MW	44 kDa

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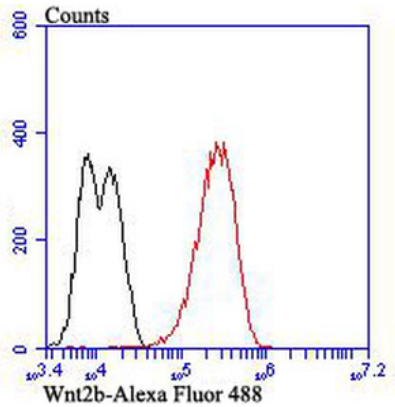
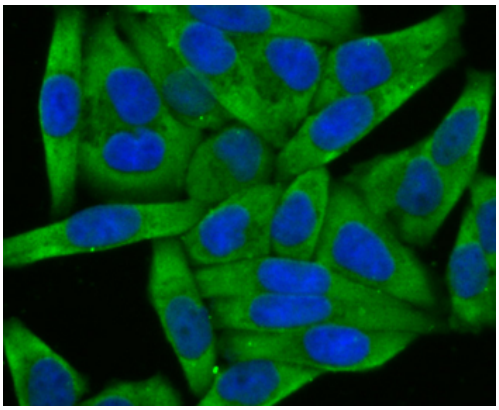
Tested applications	FC, ICC, WB
Dilution range	WB=1:500-1000, ICC/IF=1:100-500, Flow-Cyt=1:50-100
Antibody Type	Primary Antibody
Clone Number	B4I7
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: LOVO. Primary Antibody (green line): Rabbit Anti-Wnt2b antibody (orb704335), dilution: 1:50, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488, dilution: 1:1000. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Hela cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (Wnt2b) monoclonal Antibody, Unconjugated (orb704335) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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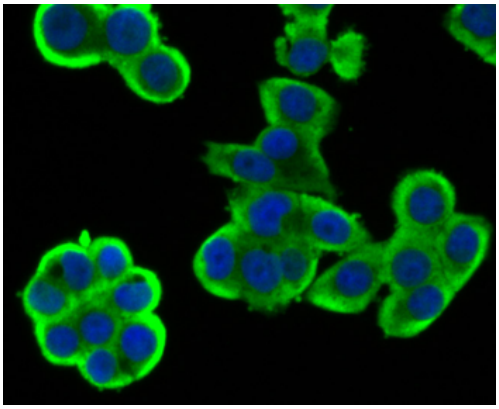
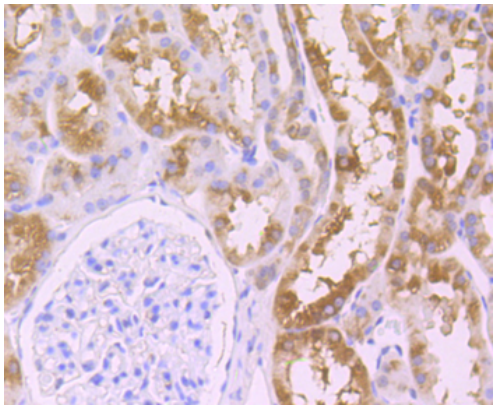
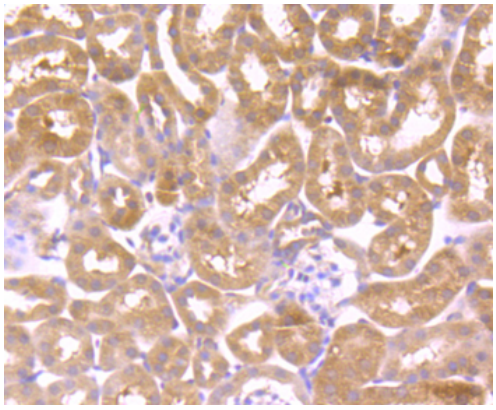


LOVO cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (Wnt2b) monoclonal Antibody, Unconjugated (orb704335) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded (human kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Wnt2b) Monoclonal Antibody, Unconjugated (orb704335) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Wnt2b) Monoclonal Antibody, Unconjugated (orb704335) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructionsand DAB staining.

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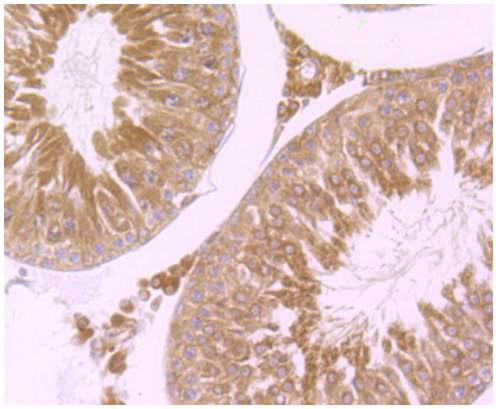
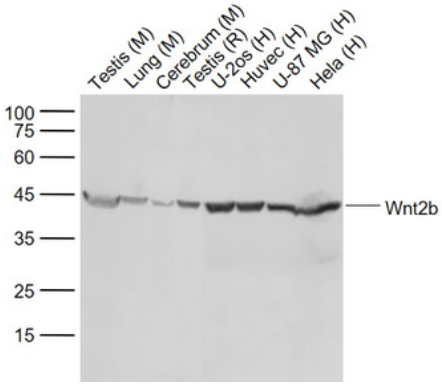
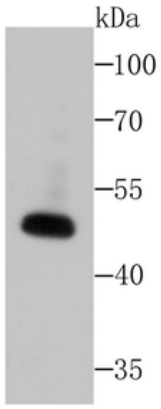


Paraformaldehyde-fixed, paraffin embedded (rat testis), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Wnt2b) Monoclonal Antibody, Unconjugated (orb704335) at 1:50 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructionsand DAB staining.



Sample: Lane 1: Mouse Testis tissue lysates, Lane 2: Mouse Lung tissue lysates, Lane 3: Mouse Cerebrum tissue lysates, Lane 4: Rat Testis tissue lysates, Lane 5: Human U-2os cell lysates, Lane 6: Human Huvec cell lysates, Lane 7: Human U-87 MG cell lysates, Lane 8: Human Hela cell lysates, Primary: Anti-Wnt2b (orb704335) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 44 kDa, Observed band size: 44 kDa.



Sample: Lane 1: Siha cell lysate, Primary: Anti-Wnt2b (orb704335) at 1:500 dilution, Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution, Predicted band size: 44 kD, Observed band size: 48 kD.

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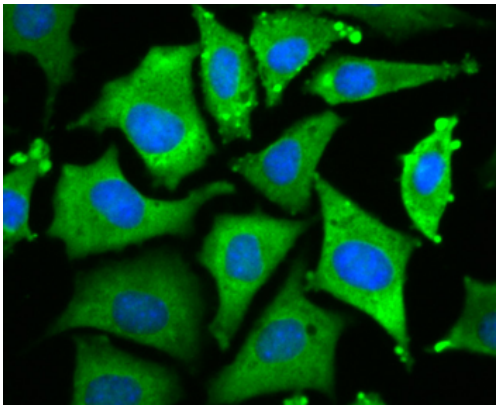

SHSY-5Y cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (Wnt2b) monoclonal Antibody, Unconjugated (orb704335) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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