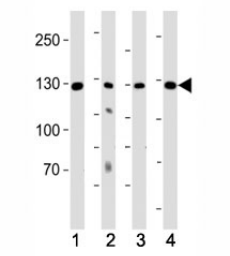
ROR1 Antibody (F50667)

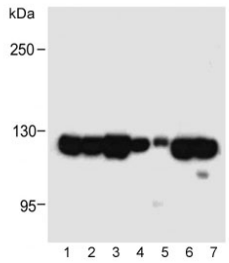
Catalog No.	Formulation	Size
F50667-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F50667-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

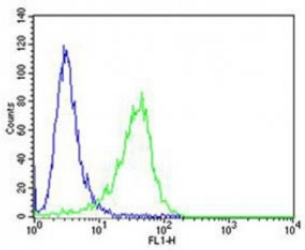
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q01973
Localization	Membrane, cytoplasm
Applications	Western blot: 1:1000-2000 Flow cytometry: 1:25 Immunohistochemistry (FFPE): 1:10-1:50
Limitations	This ROR1 antibody is available for research use only.



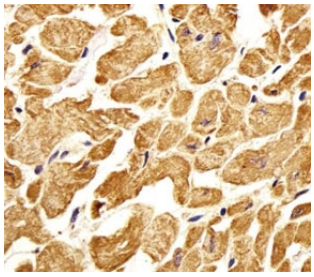
Western blot testing of human samples 1) K562 and 2) lung lysate and mouse samples 3) kidney and 4) heart lysate with ROR1 antibody at 1:1000. Predicted molecular weight of ROR1 isoforms: 105 kDa and 130 kDa.



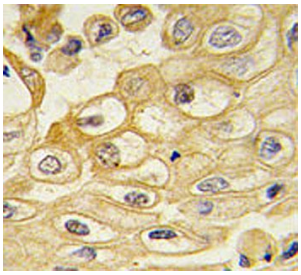
Western blot testing of human samples 1) K562 cell line, 2) MDA-MB-231, 3) PANC-1, 4) NCI-H226, 5) fetal lung and mouse samples 6) NIH3T3 and 7) heart lysate with ROR1 antibody at 1:1000. Predicted molecular weight of ROR1 isoforms: 105 kDa and 130 kDa.



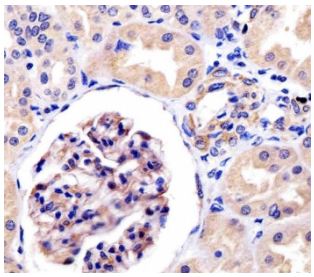
Flow cytometric analysis of A549 cells using ROR1 antibody (green) compared to an isotype control of rabbit IgG (blue). Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit lgG was used as the secondary Ab.



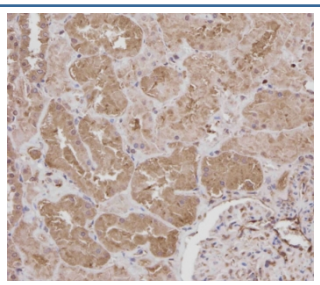
Immunohistochemical analysis of paraffin-embedded human heart section using ROR1 antibody. Ab was diluted at 1:25 dilution.



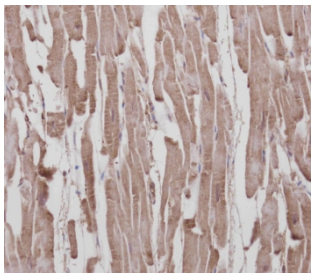
IHC testing of FFPE human lung carcinoma with ROR1 antibody.



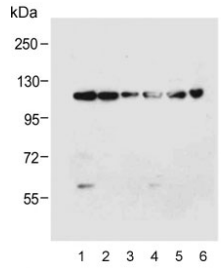
IHC testing of FFPE human kidney tissue with ROR1 antibody at 1:25 dilution. HIER: steamed antigen retrieval with pH6 citrate buffer.



IHC testing of FFPE human kidney tissue with ROR1 antibody at 1:100 dilution. HIER: steamed antigen retrieval with pH9 EDTA buffer.



IHC testing of FFPE human heart tissue with ROR1 antibody at 1:100 dilution. HIER: steamed antigen retrieval with pH9 EDTA buffer.



Western blot testing of human lysate samples 1) K562, 2) MDA-MB-231, 3) NCI-H226, 4) A549 and mouse samples 5) NIH3T3 and 6) kidney lysate with ROR1 antibody at 1:4000. Predicted molecular weight of ROR1 isoforms: 105 kDa and 130 kDa.

Description

ROR1 is a receptor protein tyrosine kinase whose cellular role has not been determined. It is a type I membrane protein and belongs to the ROR subfamily of cell surface receptors. Studies of a similar protein in mouse suggest that this protein may interact with another receptor protein tyrosine kinase and may be involved in skeletal and cardiac development.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ROR1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This ROR1 antibody was produced from rabbits immunized with recombinant human ROR1 protein (aa region: 112 - 399).

Storage

Store at 4oC for up to one month. For long term, aliquot the ROR1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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