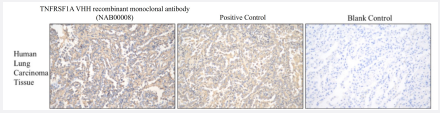
NanoAb™

VHH-His tag NanoAb™ Targeting Human TNFRSF1A

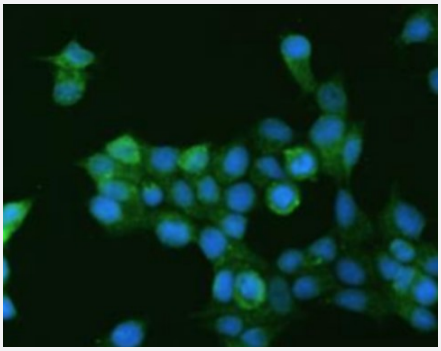
Catalog # NAB00008 Size 100 ug

Applications



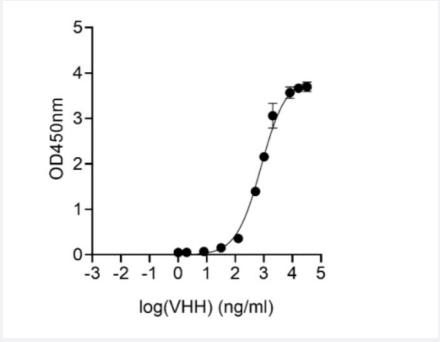
Immunohistochemistry

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue slides using TNFRSF1A VHH recombinant monoclonal antibody at 2.5 ug/mL and positive control at 1:200 dilution (under 20x lens), respectively. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescence

Immunofluorescence analysis of paraformaldehyde fixed MCF-7 cells stained with TNFRSF1A VHH recombinant monoclonal antibody at 2.5 ug/mL followed by CoraLite® 488 secondary antibody at 1:200 dilution, showing cytoplasmic staining (under 40x lens). The nuclear stain is DAPI (blue).



Enzyme-linked Immunoabsorbent Assay

Indirect ELISA showing TNFRSF1A VHH recombinant monoclonal antibody binding to purified PD-L1. Plates were coated with 200 ng/well purified protein and binding of TNFRSF1A VHH recombinant monoclonal antibody assessed in serial dilution from 1 ng/mL primary antibody in triplicate.

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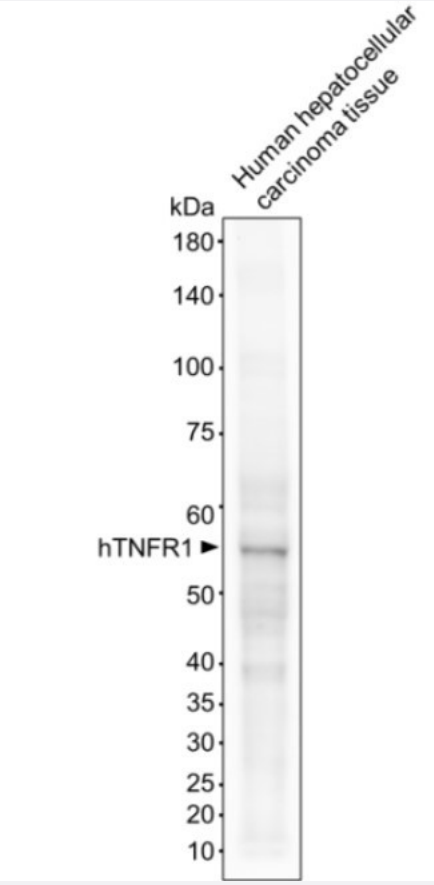
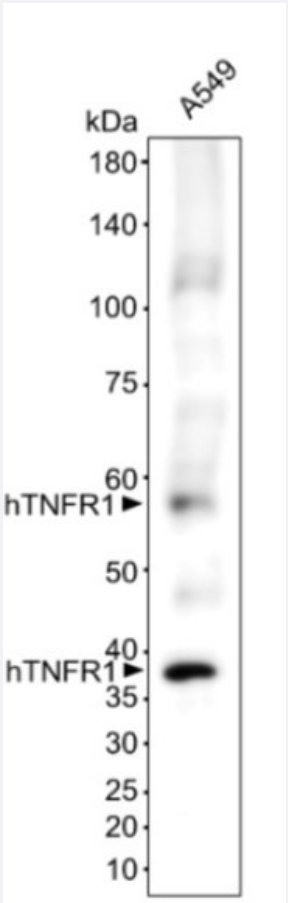


Western Blot

Lysates of human hepatocellular carcinoma tissue were repectively subjected to SDS-PAGE followed by western blot with TNFRSF1A VHH recombinant monoclonal antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Western Blot

Lysates of A549 cells were repectively subjected to SDS-PAGE followed by western blot with TNFRSF1A VHH recombinant monoclonal antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.

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Specification

Product Description	VHH NanoAb™ targeting TNFRSF1A expressed in *Escherichia coli* under conditions free from ani mal-derived components.
Antibody Species	Alpaca
Immunogen	Human TNFRSF1A recombinant protein
Theoretical MW (kDa)	14.2
Reactivity	Human
Epitope	Monospecific
Tag	His tag at C-terminus
Conjugation	Unconjugated
Preparation Method	*Escherichia coli* expression system
Purification	Affinity chromatography purified
Conjugation	Unconjugated
Affinity	Not measured
Form	Lyophilized
Purity	> 95% by SDS-PAGE
Recommend Usage	ELISA (1:1000-1:10000) WB (1:500-1:3000) IHC (1:100-1:300) IF (1:100-1:300) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS pH 7.4.
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water or with 50% glycerol (ACS grade or better), store at -20°C o r lower. Aliquot to avoid repeated freezing and thawing.

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