

Anti-VIM antibody (1-200) (STJ26092)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

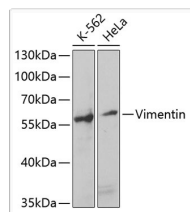
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw: 58kDa/57kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

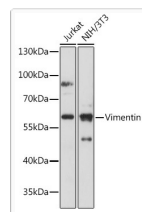
Gene ID	7431
Gene Symbol	VIM
UniProt ID	VIME_HUMAN
Immunogen Region	1-200
Immunogen Sequence	MSTRSVSSSSYRRMFGGPGT ASRPSSRSYVTTSTRITYSL GSALRPSTSRSLYASSPGGV YATRSSAVRLRSSVPGVRL QDSVDFSLADAINTEFKNTR TNEKVELQELNDRFANYIDK VRFLEQQNKILLAELEQLKG QGKSRLGDL YEEEMRELRRQ VDQLTNDKARVEVERDNLAE DIMRLREKLQEEMLQREEAE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human Vimentin (NP_003371.2).

ADDITIONAL INFORMATION

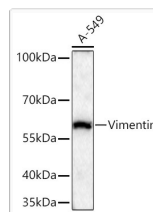
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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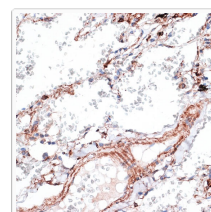
Western blot analysis of various lysates using Vimentin Rabbit pAb (STJ26092) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 90s.



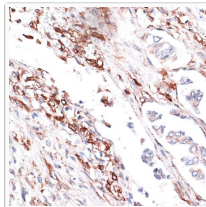
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Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 30s.



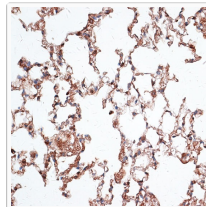
Western blot analysis of lysates from A-549 cells using Vimentin Rabbit pAb (STJ26092) at 1:3000 dilution incubated overnight at 4 °C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



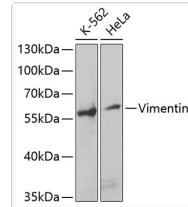
Immunohistochemistry analysis of paraffin-embedded Human lung using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



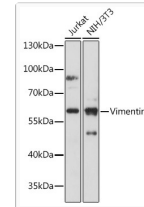
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



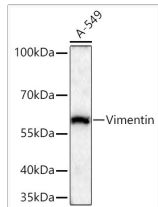
Immunohistochemistry analysis of paraffin-embedded Mouse lung using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



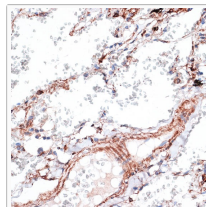
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Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 90s.



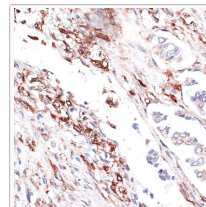
Western blot analysis of various lysates using Vimentin Rabbit pAb (STJ26092) at 1:500 dilution.
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Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 30s.



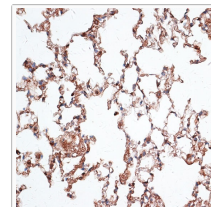
Western blot analysis of lysates from A-549 cells using Vimentin Rabbit pAb (STJ26092) at 1:3000 dilution incubated overnight at 4C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



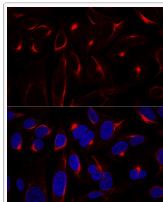
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Confocal immunofluorescence analysis of U2OS cells using Vimentin Rabbit pAb (STJ26092) at dilution of 1:100. Blue: DAPI for nuclear staining.