

Vimentin Recombinant Antibody | VIM recombinant antibody

Rabbit anti-Vimentin Recombinant Monoclonal Antibody [BLR100G]

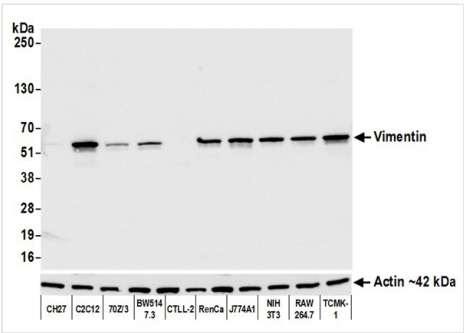
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23833	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Vimentin; Monoclonal Recombinant Antibody; Rabbit anti-Vimentin Recombinant Monoclonal Antibody [BLR100G]; epididymis secretory sperm binding protein; vimentin; VIM recombinant antibody

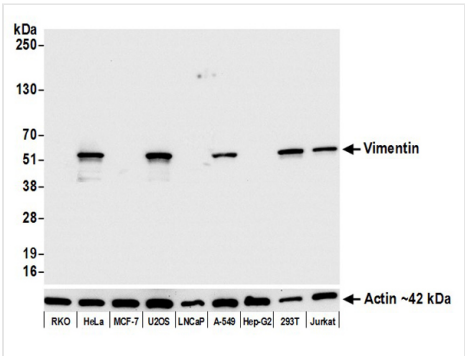
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR100G
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for VIM recombinant antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000 IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. IHC-IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



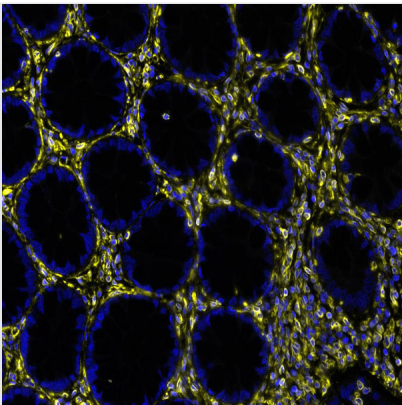
WB (Western Blot)

Detection of mouse Vimentin by western blot. Samples: Whole cell lysate (5 ug) from CH27, C2C12, 70Z/3, BW5147.3, CTLL-2, RenCa, J774A1, NIH 3T3, RAW 264.7, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-Vimentin recombinant monoclonal antibody (AAA23833 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



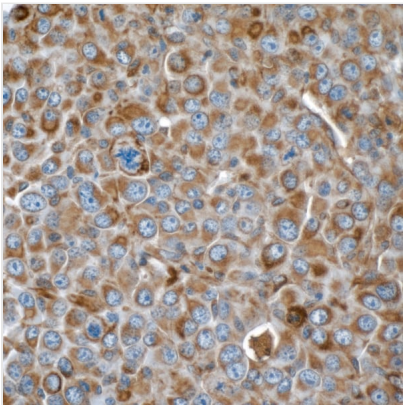
WB (Western Blot)

Detection of human Vimentin by western blot. Samples: Whole cell lysate (5 ug) from RKO, HeLa, MCF-7, U2OS, LNCaP, A-549, Hep-G2, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-Vimentin recombinant monoclonal antibody (AAA23833 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



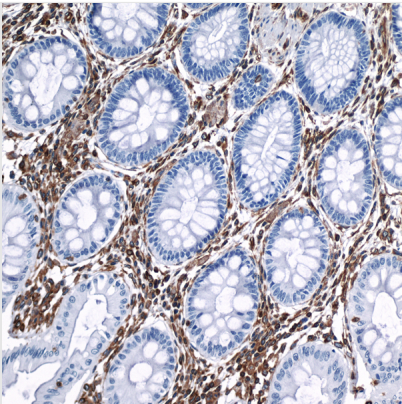
IHC (Immunohistochemistry)

Detection of human Vimentin in FFPE colon carcinoma by immunohistochemistry-IF. Antibody: Rabbit anti-Vimentin recombinant monoclonal antibody (AAA23833 Lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: Opal. Counterstain: DAPI.



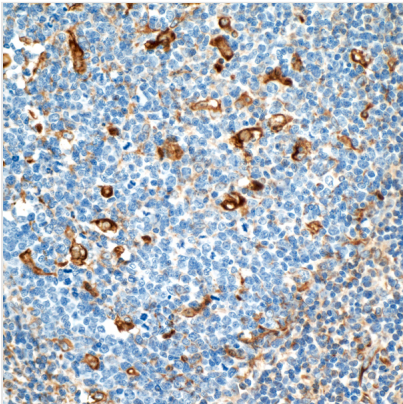
IHC (Immunohistochemistry)

Detection of mouse Vimentin in FFPE renal cell carcinoma by IHC. Antibody: Rabbit anti-Vimentin recombinant monoclonal antibody (AAA23833 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



IHC (Immunohistochemistry)

Detection of human Vimentin in FFPE colon by IHC. Antibody: Rabbit anti-Vimentin recombinant monoclonal antibody (AAA23833 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



IHC (Immunohistochemistry)

Detection of human Vimentin in FFPE tonsil by IHC. Antibody: Rabbit anti-Vimentin recombinant monoclonal antibody (AAA23833 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for VIM recombinant antibody

Vimentin is a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. Vimentin is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. [taken from NCBI Entrez Gene (Gene ID: 7431)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380.3
UniProt Accession #	P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4
Molecular Weight	53,652 Da
NCBI Official Full Name	vimentin
NCBI Official Synonym Full Names	vimentin
NCBI Official Symbol	VIM
NCBI Protein Information	vimentin
UniProt Protein Name	Vimentin
UniProt Gene Name	VIM
UniProt Entry Name	VIME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/vimentin-recombinant-antibody-clone-blr100g-western-blot-immunohistochemistry-immunocytochemistry-immunohistochemistry-elisa/23833>