Anti-Vimentin antibody (C-Term) (STJ73113)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/FC/IF/IHC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow

PRODUCT PROPERTIES

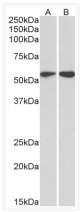
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:4000. WB: Approx 55kDa band observed in lysates of cell line HeLa and Jurkat and in Mouse Ovary lysates, and approx. 55-60kDa band in Rat Ovary lysates (calculated MW of 53.7kDa according to Huma
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at-20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

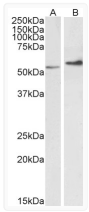
Gene ID	7431
Gene Symbol	VIM
UniProt ID	VIME_HUMAN
Immunogen Region	C-Term
Immunogen Sequence	QVINETSQHHDDLE

ADDITIONAL INFORMATION

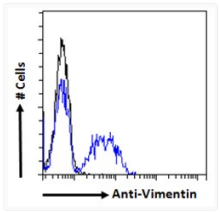
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



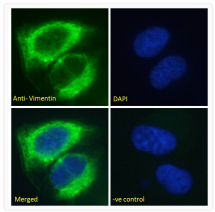
STJ73113 (2µg/ml) staining of HeLa (A) and Jurkat (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



STJ73113 (0. 1µg/ml) staining of Mouse (A) and (2µg/ml) Rat (B) Ovary lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0. 4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



STJ73113 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic/Intermediate filament staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).