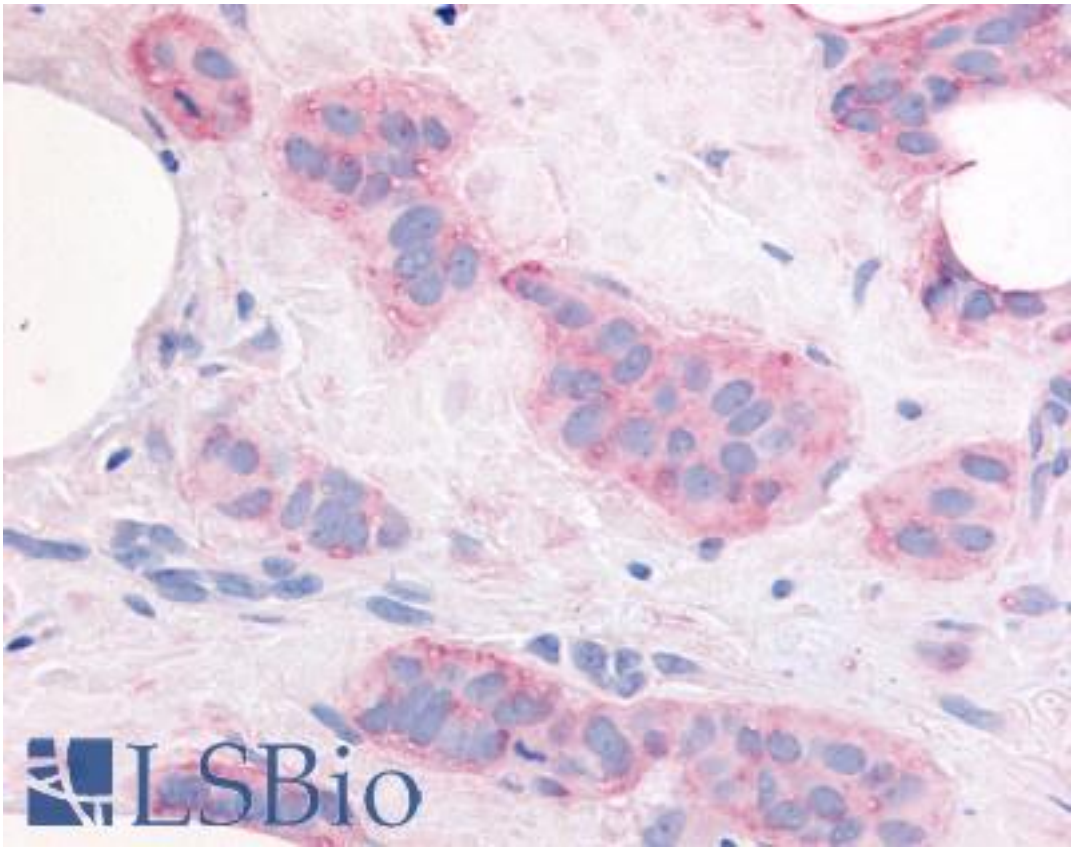
LSBio
LifeSpan BioSciences, Inc.

KDR / VEGFR2 Rabbit anti-Human Polyclonal (Internal) Antibody - LS-A9457 - LSBio

CatalogID:	LS-A9457
Target:	kinase insert domain receptor (a type III receptor tyrosine kinase) (KDR)
Synonyms:	KDR Antibody, CD309 Antibody, Fetal liver kinase 1 Antibody, Fetal liver kinase-1 Antibody, FLK-1 Antibody, FLK1 Antibody, Kinase insert domain receptor Antibody, Quek1 Antibody, VEGFR Antibody, VEGFR2 Antibody, Soluble VEGFR2 Antibody, VEGF receptor 2 Antibody, VEGFR-2 Antibody, CD309 antigen Antibody, VEGF-R2 Antibody
Family / Subfamily:	Protein Kinase / VEGF Receptor
Host	KDR antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	KDR / VEGFR2 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	KDR / VEGFR2 antibody was raised against synthetic 16 amino acid peptide from internal region of human VEGFR2. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Gibbon, Marmoset (94%); Mouse, Dog, Hamster, Elephant, Pig (88%); Rat, Bovine, Panda, Horse, Opossum, Turkey (81%).
Specificity:	Human VEGFR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except RNF213 (56%).
Epitope:	Internal
Reactivity:	Human, Gorilla
Predicted Reactivity:	Gibbon, Monkey
Purification:	Immunoaffinity purified
Presentation:	PBS, 0.1% sodium azide.
Recommended Storage:	Long term: -70°C; Short term: +4°C
Usage Summary:	Immunohistochemistry: LS-A9457 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-A9457 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-VEGFR2 antibody LS-A9457 IHC of human breast carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Requested From:	Japan