



RABBIT ANTI-FLT-4 AFFINITY-PURIFIED POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB3127
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1 mg/mL
SPECIFICITY:	Recognizes mouse Flt-4 (mouse 1363-aa and human 1298-aa) a receptor protein tyrosine kinase. It is type 1 membrane protein, a receptor for VEGF-C and is expressed in adult lung, and liver, and in fetal liver, brain, intestine, and placenta. Flt-4 is also known as vascular endothelial growth factor receptor 3 (VEGFR3).
IMMUNOGEN:	20 amino acid peptide sequence within the cytoplasmic, C-terminus of mouse Flt-4.
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. The antibodies detected ~140 kDa band in rat liver extracts. ELISA: 1:10,000-1:100,000, using 50-100ng of control peptide/well. Optimal working dilutions must be determined by end user.
SPECIES REACTIVITIES:	The peptide sequence used is relatively conserved in rat (85%) and human (73%) Flt-4/VEGFR3. No significant sequence homology is seen with VEGFR1, VEGFR2, or other tyrosine kinases. Antibody crossreactivity in other species is not established.
FORMAT:	Affinity purified immunoglobulin
PRESENTATION:	Liquid in PBS containing 0.1% BSA.
STORAGE/HANDLING:	Maintain frozen at -20°C in undiluted aliquots for up to 12 months. Avoid repeated freeze and thaw.
RELATED REFERENCES:	Finnerty, H, <i>et al</i> (1993). Molecular cloning of murine FLT and FLT4. <i>Oncogene</i> 8 : 2293-2298. Aprelikova, O, <i>et al</i> (1992). FLT4, a novel class III receptor tyrosine kinase in chromosome 5q33-qter. <i>Cancer Res</i> 52 : 746-748.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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28820 Single Oak Drive • Temecula, CA 92590
Technical Support: T: 1-800-MILLIPORE (1-800-645-5476) • F: 1-800-437-7502
www.millipore.com