

VEGF Receptor 3 Polyclonal Antibody

Product Details	
Size	500 µL
Species Reactivity	Human, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide derived from C-terminus of human Flt-4
Form	Liquid
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.6, with 1% BSA
Contains	0.1% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10986597

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay dependent	1 Publication
Immunohistochemistry (IHC)	1:200	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunocytochemistry (ICC/IF)	1 µg/mL	-

Product Specific Information

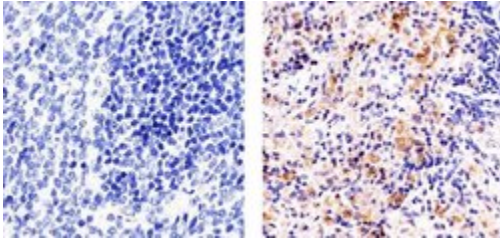
PA5-16871 targets Flt-4 in immunohistochemistry (paraffin), immunoprecipitation, and Western blot applications and shows reactivity with human, mouse, and rat samples.

The PA5-16871 immunogen is a synthetic peptide derived from C-terminus of human Flt-4.

Product Images For VEGF Receptor 3 Polyclonal Antibody

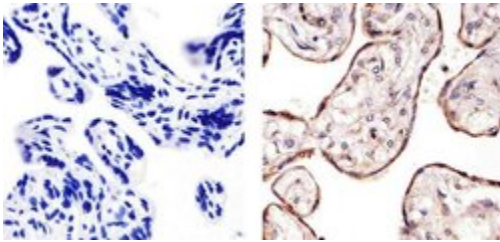
VEGF Receptor 3 Antibody (PA5-16871) in IHC (P)

Immunohistochemistry analysis of Flt-4 showing staining in the cytoplasm and membrane of paraffin-embedded mouse spleen tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H₂O₂-methanol for 15 min at room temperature, washed with ddH₂O and PBS, and then probed with a Flt-4 Rabbit Polyclonal Antibody (Product # PA5-16871) diluted in 3% BSA-PBS at a dilution of 1:20 for 1 hour at 37°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



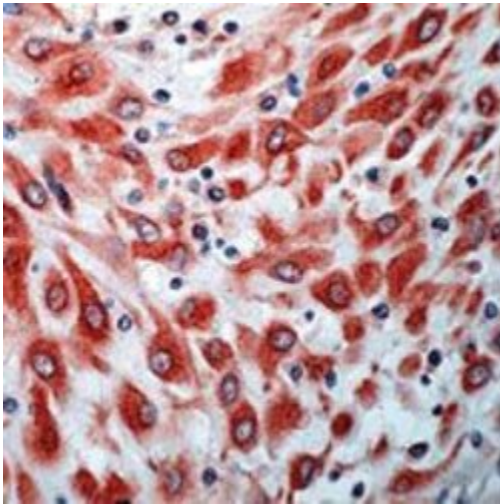
VEGF Receptor 3 Antibody (PA5-16871) in IHC (P)

Immunohistochemistry analysis of Flt-4 showing staining in the membrane of paraffin-embedded human placenta tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H₂O₂-methanol for 15 min at room temperature, washed with ddH₂O and PBS, and then probed with a Flt-4 Rabbit Polyclonal Antibody (Product # PA5-16871) diluted in 3% BSA-PBS at a dilution of 1:20 for 1 hour at 37°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



VEGF Receptor 3 Antibody (PA5-16871) in IHC

Formalin-fixed, paraffin-embedded human placenta stained with anti-flt-4, . using peroxidase conjugate and AEC chromogen. Note cytoplasmic staining of trophoblasts.



[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

Oncotarget

Combined mTOR and MEK inhibition is an effective therapy in a novel mouse model for angiosarcoma.

"PA5-16871 was used in Western Blotting to suggest that angiosarcoma may be effectively treated by combined mTOR and MEK inhibitor treatment."

Authors: Chadwick ML, Lane A, Thomas D, Smith AR, White AR, Davidson D, Feng Y, Boscolo E, Zheng Y, Adams DM, Gupta A, Veillette A, Chow LML

Species
Mouse
Not Applicable

Dilution
1:1000
Not Cited

Year
2018

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.