

## Rabbit anti-VEGFr-3 (Flt- 4)

**Cat. No. and Size:** **506-3874:** 1 ml immunogen affinity purified immunoglobulin from rabbit serum in 10 mM PBS pH 7.4 with 1 % BSA and 0.1 % sodium azide.  
**506-3871:** 7 ml prediluted antibody in a 50 mM Tris/1 % BSA buffer pH 7.6 with 0.1 % sodium azide.

**Intended Use:** For research use only. Not for use in diagnostic procedures.  
**Clone:** N/A  
**Immunogen:** A Synthetic peptide derived from C-terminus of human Flt-4 protein.  
**Ig Isotype:** Rabbit IgG  
**Epitope:** C-terminus  
**Molecular Weight:** 150 kDa  
**Species Reactivity:** Human (tested). Mouse and rat (by sequence homology). Others not tested.

**Description:** Three cell membrane receptor tyrosine kinases, Flt (also designated VEGF-R1), Flk-1 (also designated VEGF-R2) and Flt-4 (also designated VEGF-R3), putatively involved in the growth of endothelial cells, are characterized by the presence of seven immuno-globulin-like sequences in their extracellular domain. On the basis of structural similarity to Flt and Flk-1, it has been speculated that Flt-4 might represent a third receptor for either VEGF or a VEGF-related ligand..

**Applications:** Immunohistochemistry (IHC) on formalin-fixed, paraffin-embedded tissue sections. Other applications recommended but not tested: Western Blotting, immunoprecipitation.

**IHC Procedure:** **Antibody Dilution:** If using the concentrate format of this product, dilute the antibody 1:100. The dilutions are estimates; actual results may differ because of variability in methods and protocols.  
**Antigen Retrieval:** Boil tissue sections in 10mM Citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.  
**Primary Antibody incubation:** Incubate for 10 minutes at RT.

**Positive Control:** Placenta or breast carcinoma  
**Cellular Localization:** Cytoplasmic and cell membrane






**Storage and Stability:** Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. Every antibody is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date. There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.

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Explanation of the symbols on the product label:

<b>REF</b>	Bestellnummer Catalog Number Reference du catalogue		Verwendbar bis Use By Utiliser jusque		Gebrauchsanweisung beachten Consult Instructions for use Consulter les instructions d'utilisation
<b>LOT</b>	Chargenbezeichnung Batch Code Code du lot		Lagerungstemperatur Temperature Limitation Limites de température	<b>RUO</b>	Nur für Forschungszwecke For Research Use Only Pour la recherche uniquement
<b>IVD</b>	In vitro Diagnostikum In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro		Achtung Warning Attention		Hersteller / Manufacturer / Fabricant Zytomed Systems GmbH • Anhaltinerstraße 16 14163 Berlin, Germany • Tel: (+49) 30-804 984 990 www.zytomed-systems.de