

Anti-VEGF Receptor 2 antibody ab11939

★★★★★ [3 Abreviews](#)
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概述

产品名称	Anti-VEGF Receptor 2抗体
描述	兔多克隆抗体to VEGF Receptor 2
宿主	Rabbit
特异性	The polyclonal antibody will detect native and recombinant human VEGFR2/KDR in ELISA experiments and on the surface or solubilized from different human cell types.
经测试应用	适用于: Sandwich ELISA, IP, ELISA, Neutralising, WB, Flow Cyt, IHC-Fr
种属反应性	与反应: Mouse, Rat, Human, Recombinant fragment
免疫原	Recombinant fragment corresponding to Human VEGF Receptor 2. Highly pure recombinant human soluble extracellular domain of KDR (110 kDa) (D1-D7).
阳性对照	IHC: Human spleen Flow Cyt: HUVEC (Human umbilical vein endothelial cell line) whole cell lysate and HDLEC (Human dermal lymphatic endothelial cell line) whole cell lysate
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: PBS
纯度	Protein A purified
纯化说明	This antibody is affinity purified from rabbit sera.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

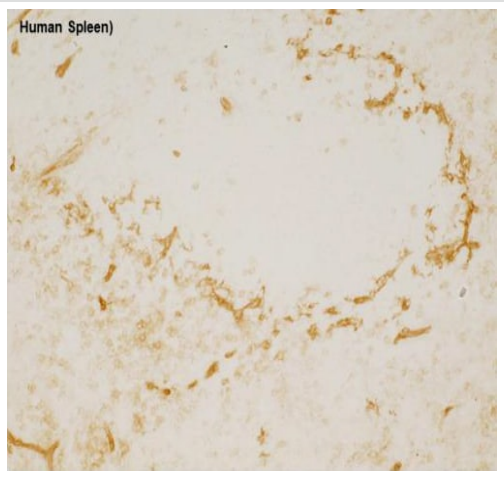
Abpromise™ 承诺保证使用 ab11939 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

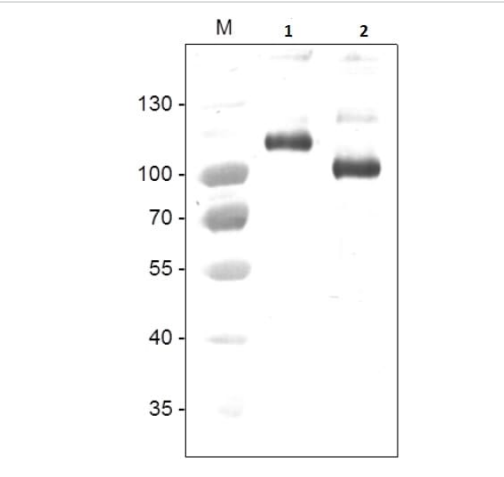
应用	Ab 评论	说明
Sandwich ELISA		Use a concentration of 0.5 µg/ml. Can be paired for Sandwich ELISA with Mouse monoclonal [mV1001.3m-h] to VEGF Receptor 2 (ab42228) . For sandwich ELISA, use this antibody as Detection at 0.5µg/ml with ab42228 as Capture.
IP		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration. PubMed: 17991870
WB	★★★★★ (1)	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 151 kDa.
Flow Cyt		Use a concentration of 1 - 5 µg/ml. ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration.

靶标

功能	Receptor for VEGF or VEGFC. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.
疾病相关	Defects in KDR are associated with susceptibility to hemangioma capillary infantile (HCI) [MIM:602089]. HCI are benign, highly proliferative lesions involving aberrant localized growth of capillary endothelium. They are the most common tumor of infancy, occurring in up to 10% of all births. Hemangiomas tend to appear shortly after birth and show rapid neonatal growth for up to 12 months characterized by endothelial hypercellularity and increased numbers of mast cells. This phase is followed by slow involution at a rate of about 10% per year and replacement by fibrofatty stroma.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 7 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
翻译后修饰	Phosphorylated. Dephosphorylated by PTPRB. Dephosphorylated by PTPRJ at Tyr-951, Tyr-996, Tyr-1054, Tyr-1059, Tyr-1175 and Tyr-1214.
细胞定位	Membrane.



Immunohistochemistry (Frozen sections) - Anti-VEGF Receptor 2 antibody (ab11939)



Western blot - Anti-VEGF Receptor 2 antibody (ab11939)

Immunohistochemistry (Frozen sections) analysis of human spleen tissue sections labelling VEGF Receptor 2 with ab11939.

All lanes : Anti-VEGF Receptor 2 antibody (ab11939)

Lane 1 : recombinant human soluble VEGFR-2

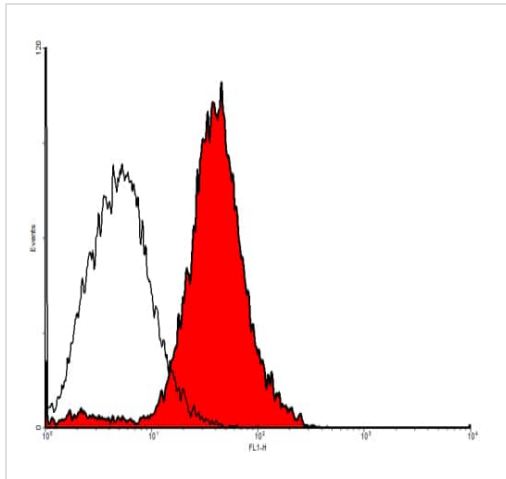
Lane 2 : recombinant native VEGFR-2

Secondary

All lanes : anti-rabbit AP-conjugated antibody

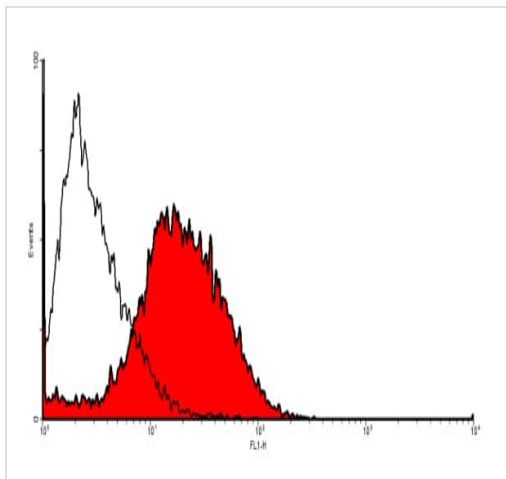
Predicted band size: 151 kDa

Samples were loaded in 10% SDS-PAGE under reducing conditions.



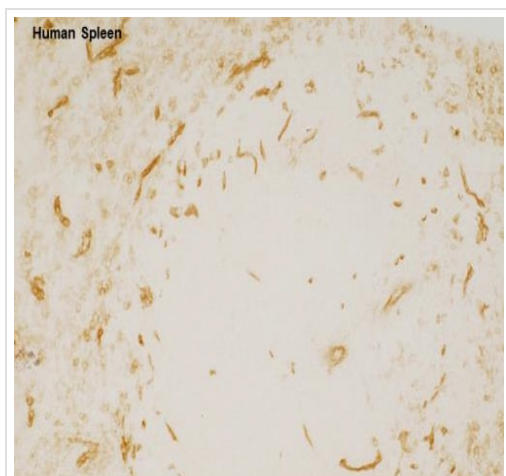
Flow Cytometry - Anti-VEGF Receptor 2 antibody
(ab11939)

Flow Cytometry analysis of primary human dermal lymphatic endothelial cells (HDLEC) labelling VEGF Receptor 2 with ab11939.



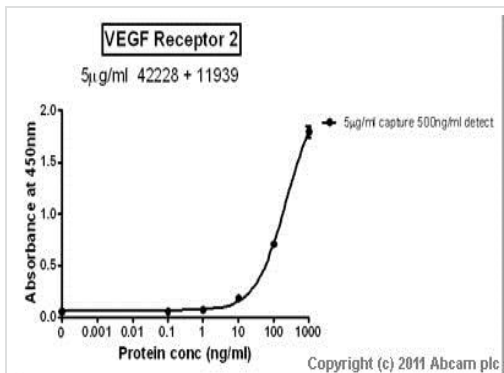
Flow Cytometry - Anti-VEGF Receptor 2 antibody
(ab11939)

Flow Cytometry analysis of primary human umbilical vein endothelial cells (HUVEC) labelling VEGF Receptor 2 with ab11939.



Immunohistochemistry (Frozen sections) - Anti-
VEGF Receptor 2 antibody (ab11939)

Immunohistochemistry (Frozen sections) analysis of human spleen tissue sections labelling VEGF Receptor 2 with ab11939.



Sandwich ELISA - Anti-VEGF Receptor 2 antibody
(ab11939)

Standard curve for VEGF Receptor 2 (Analyte: **ab54347**); dilution range 1pg/ml to 1µg/ml using Capture Antibody Mouse monoclonal [mV1001.3m-h] to VEGF Receptor 2 (**ab42228**) at 5µg/ml and Detector Antibody Rabbit polyclonal to VEGF Receptor 2 (ab11939) at 0.5µg/ml.

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