

# VEGF Receptor 2 Polyclonal Antibody

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide from C-terminus of the precursor form of the mouse Flk-1
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10978670

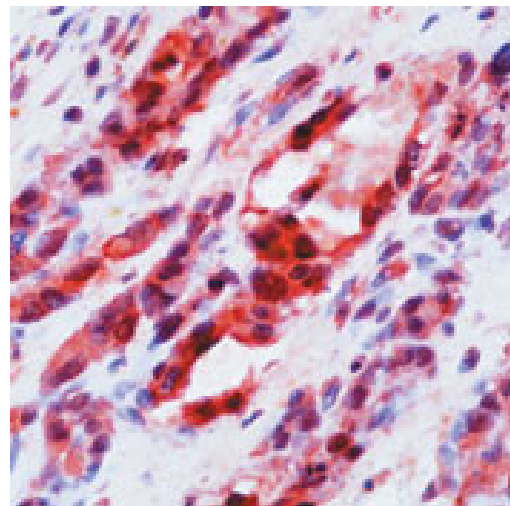
Applications	Tested Dilution	Publications
Western Blot (WB)	5-10 µg/mL	4 Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50	1 Publication

## Product Specific Information

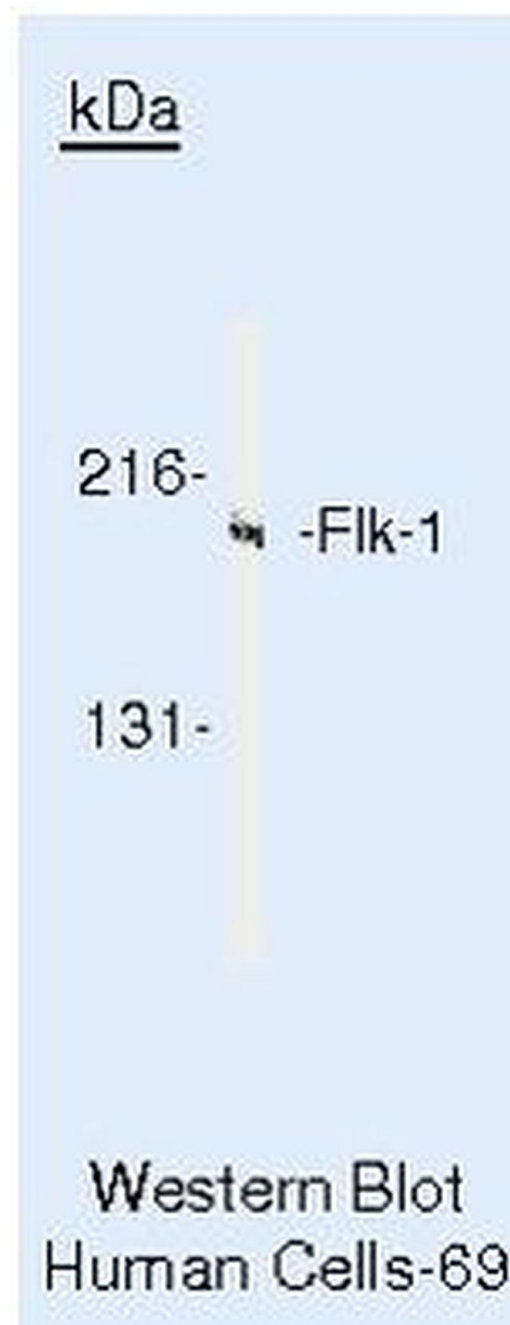
PA5-16487 targets Flk-1 in IHC (P) and WB applications and shows reactivity with mouse, Rat, and Human samples.

The PA5-16487 immunogen is a synthetic peptide from C-terminus of the precursor form of the mouse Flk-1.

Product Images For VEGF Receptor 2 Polyclonal Antibody



**VEGF Receptor 2 Antibody (PA5-16487) in IHC (P)**  
Formalin-fixed, paraffin-embedded human angiosarcoma stained with Flk-1/ VEGFR2 antibody using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of tumor cells.



**VEGF Receptor 2 Antibody (PA5-16487) in WB**  
Western blot of Flk-1 using Flk-1 Polyclonal Antibody (Product # PA5-16487) on Hey Cell Lysate.

9 References

Western Blot (4)

<p>Pharmacological research</p> <p><b>In vitro angiogenesis inhibition with selective compounds targeting the key glycolytic enzyme PFKFB3.</b></p> <p>"PA5-16487 was used in Western Blot to demonstrate that the anti-glycolytic PA compounds may affect several steps involved in angiogenesis."</p> <p>Authors: Abdali A,Baci D,Damiani I,Belloni F,De Dominicis C,Gelmi ML,Corsini A,Bellosta S</p>	<p><b>Year</b> 2021</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:1000</p>
<p>Pain</p> <p><b>SARS-CoV-2 spike protein co-opts VEGF-A/neuropilin-1 receptor signaling to induce analgesia.</b></p> <p>"PA5-16487 was used in Western Blot to show that preventing VEGF-A/NRP-1 signaling was antiallodynic in a neuropathic pain model."</p> <p>Authors: Moutal A,Martin LF,Boinon L,Gomez K,Ran D,Zhou Y,Stratton HJ,Cai S,Luo S,Gonzalez KB,Perez-Miller S,Patwardhan A,Ibrahim MM,Khanna R</p>	<p><b>Year</b> 2021</p> <p><b>Species</b> Rat</p>

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Immunohistochemistry (4)

<p>Cells</p> <p><b>Retinal Protection from LED-Backlit Screen Lights by Short Wavelength Absorption Filters.</b></p> <p>"Published figure using VEGF Receptor 2 polyclonal antibody (Product # PA5-16487) in Immunohistochemistry"</p> <p>Authors: Sanchez-Ramos C,Bonnin-Arias C,Blázquez-Sánchez V,Aguirre-Vilacoro V,Cobo T,García-Suarez O,Perez-Carrasco MJ,Alvarez-Peregrina C,Vega JA</p>	<p><b>Year</b> 2021</p> <p><b>Species</b> Rat</p> <p><b>Dilution</b> 1:100</p>
<p>Scientific reports</p> <p><b>Hypoxia and proangiogenic proteins in human ameloblastoma.</b></p> <p>"PA5-16487 was used in Immunohistochemistry to investigate the expression of the HIF-1, MMP-2, VEGF, and VEGFR-2 proteins among 24 ameloblastoma cases, 10 calcifying odontogenic cysts, and 9 dental follicles by immunohistochemistry."</p> <p>Authors: de Mendonça RP,Balbinot KM,Martins BV,da Silva Kataoka MS,Mesquita RA,de Jesus Viana Pinheiro J,de Melo Alves Júnior S</p>	<p><b>Year</b> 2020</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:100</p>

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IHC (P) (1)

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