

IL-4 Polyclonal Antibody

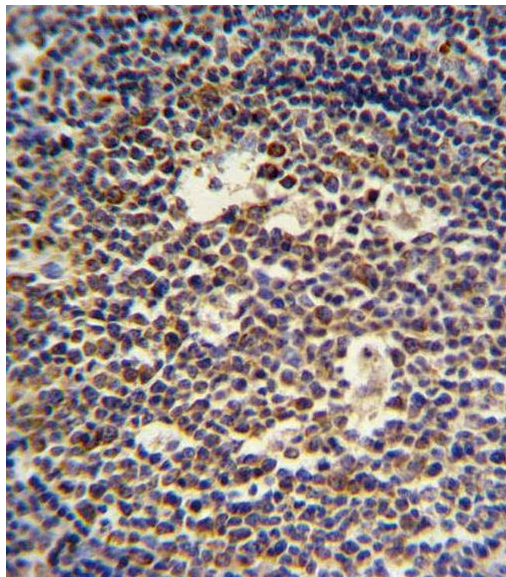
Product Details	
Size	400 µL
Species Reactivity	Human, Mouse
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated synthetic peptide between 122-150 amino acids from the C-terminal region of human L4
Form	Liquid
Concentration	2 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2542665

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	2 Publications
Immunohistochemistry (IHC)	-	8 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50	1 Publication
Flow Cytometry (Flow)	1:10-1:50	-

Product Specific Information

This antibody is predicted to react with non-human primate based on sequence homology.

Product Images For IL-4 Polyclonal Antibody



IL-4 Antibody (PA5-25165) in IHC (P)

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded tonsil using an IL4 polyclonal antibody (Product # PA5-25165), followed by HRP-conjugated secondary antibody and DAB staining.

IL-4 Antibody (PA5-25165) in WB

Western blot analysis using an IL4 polyclonal antibody (Product # PA5-25165) in mouse cerebellum cell lysates (35 µg per lane).



IL-4 Antibody (PA5-25165) in WB

Western blot analysis using an IL4 polyclonal antibody (Product # PA5-25165) in WiDr cell lysates (35 µg per lane).



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Western Blot (2)

Scientific reports	Year 2023
A novel transgenic mouse model expressing primate-specific nuclear choline acetyltransferase: insights into potential cholinergic vulnerability.	Species Mouse
"PA5-25165 was used in Western Blotting to establish a novel transgenic mouse expressing 82-kDa ChAT that is valuable for studying the role of this primate-specific cholinergic enzyme in pathologies associated with cholinergic neuron vulnerability and dysfunction."	Dilution 1:1000
Authors: AIQot HE,Rylett RJ	

Cells	Year 2021
Therapeutic Benefit of Galectin-1: Beyond Membrane Repair, a Multifaceted Approach to LGMD2B.	Species Mouse
"PA5-25165 was used in Western Blot to demonstrate that the reduced dimeric form of Gal-1 is responsible for inducing improvements to muscle membrane repair, while the monomeric form is responsible for changes in inflammation."	Dilution 1:1000
Authors: Vallecillo-Zúniga ML,Poulson PD,Luddington JS,Arnold CJ,Rathgeber M,Kartchner BC,Hayes S,Gill H,Valdoz JC,Spallino JL,Garfield S,Dodson EL,Arthur CM,Stowell SR,Van Ry PM	

Immunohistochemistry (8)

Frontiers in pharmacology	Year 2022
Calf Thymus Polypeptide Restrains the Growth of Colorectal Tumor via Regulating the Intestinal Microbiota-Mediated Immune Function.	
"Published figure using IL-4 polyclonal antibody (Product # PA5-25165) in Immunohistochemistry"	
Authors: Li L,Zhao C,Kong F,Li YC,Wang C,Chen S,Tan HY,Liu Y,Wang D	

Aging and disease	Year 2021
Brain-derived CCR5 Contributes to Neuroprotection and Brain Repair after Experimental Stroke.	
"Published figure using IL-4 polyclonal antibody (Product # PA5-25165) in Immunohistochemistry"	
Authors: Ping S,Qiu X,Kyle M,Zhao LR	

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IHC (P) (1)

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