

# CXCR4 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 14 amino acid peptide near the amino terminus of human CXCR4 isoform b
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_11152329

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	5 µg/mL	-
Immunocytochemistry (ICC/IF)	20 µg/mL	-
Flow Cytometry (Flow)	0.1 µg/mL	-
Immunoprecipitation (IP)	2 µg/mL	-

## Product Specific Information

A suggested positive control is Hela cell lysate.

CXCR4 Antibody is predicted to not cross-react with other CXCR family members.

The PA5-19856 immunogen is located within first 50 amino acids of CXCR4.

Predicted molecular ~ 40 kDa. In Western blot applications, this antibody has been observed to detect a band at: 44 kDa (Post-modification: 2 N-linked glycosylation).

Predicted species reactivity based on immunogen sequence: Mouse (93%), Bovine: (86%), Rat (79%), Pig: (71%)

Western Blot (1)

Urologia internationalis	Year 2017
Chronic Prostatitis Affects Male Reproductive Health and Is Associated with Systemic and Local Epigenetic Inactivation of C-X-C Motif Chemokine 12 Receptor C-X-C Chemokine Receptor Type 4.	Species Human
"Published figure using CXCR4 polyclonal antibody (Product # PA5-19856) in Western Blot"	Dilution 1:1000
Authors: Schagdarsurengin U, Teuchert LM, Hagenkötter C, Nesheim N, Dansranjav T, Schuppe HC, Gies S, Pilatz A, Weidner W, Wagenlehner FM	

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