

Phospho-CXCR2 (Ser347) Polyclonal Antibody

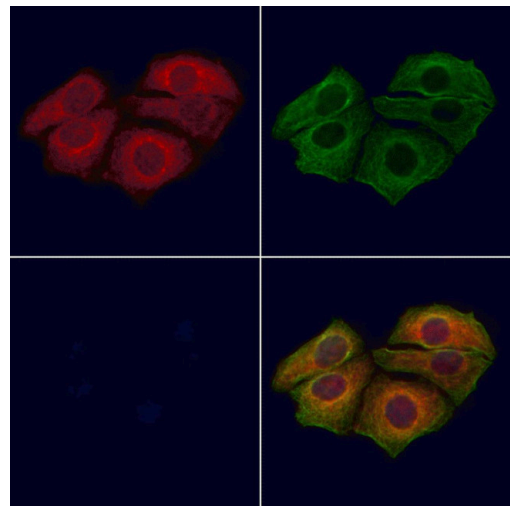
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CXCR2(Accession P25025), corresponding to amino acid residues around phosphorylated Ser347.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816323

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	1 Publication

Product Specific Information

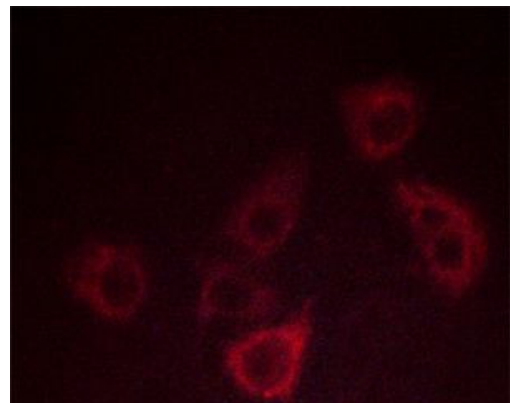
Antibody detects endogenous levels of CXCR2 only when phosphorylated at Serine 347.

Product Images For Phospho-CXCR2 (Ser347) Polyclonal Antibody



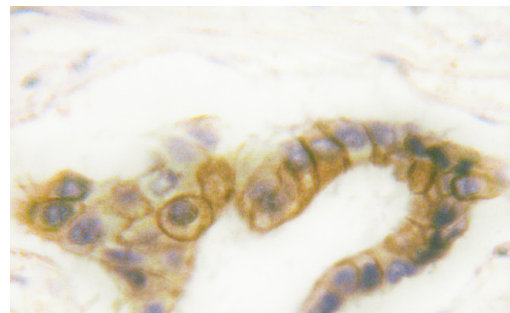
Phospho-CXCR2 (Ser347) Antibody (PA5-104850) in ICC/IF

Immunofluorescent analysis of Phospho-CXCR2 (Ser347) in HeLa cells(4h of LPS treatment). Samples were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100, blocked with 10% serum (45 min at 25°C), incubated with mouse anti-beta tubulin and Phospho-CXCR2 (Ser347) polyclonal antibody (Product # PA5-104850) using a dilution of 1:200 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 (red) and goat anti-mouse IgG Alexa Fluor 488 (green).



Phospho-CXCR2 (Ser347) Antibody (PA5-104850) in ICC/IF

Immunofluorescent analysis of Phospho-CXCR2 (Ser347) in COS7 cells. Samples were fixed with paraformaldehyde, permeabilized with 0.1% saponin, blocked with 10% serum (45 min, 37°C) incubated with Phospho-CXCR2 (Ser347) polyclonal antibody (Product # PA5-104850) using a dilution of 1:400 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 at a dilution of 1:600.



Phospho-CXCR2 (Ser347) Antibody (PA5-104850) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-CXCR2 (Ser347) in human breast carcinoma tissues sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-CXCR2 (Ser347) polyclonal antibody (Product # PA5-104850) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.

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Immunocytochemistry (1)

Cell reports	Year 2022
Neuropilin-2 axis in regulating secretory phenotype of neuroendocrine-like prostate cancer cells and its implication in therapy resistance.	Species Human
"PA5-104850 was used in Immunocytochemistry-immunoflourescence to conclude that targeting NRP2 can revert cellular secretion and sensitize PCa cells toward therapy."	
Authors: Islam R,Mishra J,Polavaram NS,Bhattacharya S,Hong Z,Bodas S,Sharma S,Bouska A,Gilbreath T,Said AM,Smith LM,Teply BA,Muders MH,Batra SK,Datta K,Dutta S	

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