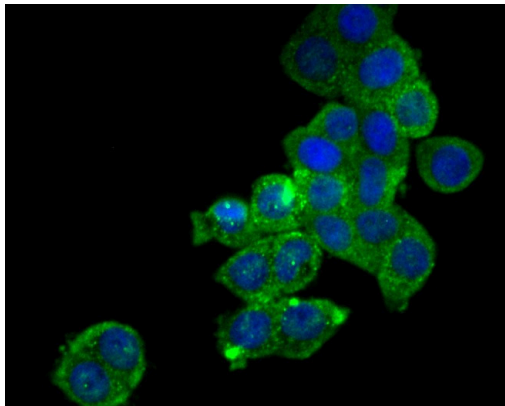


SDF1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein within human SDF1 alpha aa 1-93
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 0.2% BSA, 50% glycerol
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2890495

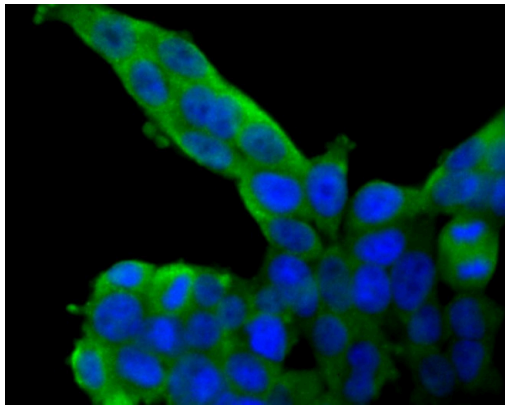
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	1 Publication
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:600	-
Immunocytochemistry (ICC/IF)	1:100-1:500	1 Publication
Flow Cytometry (Flow)	1:50-1:100	-

Product Images For SDF1 Polyclonal Antibody



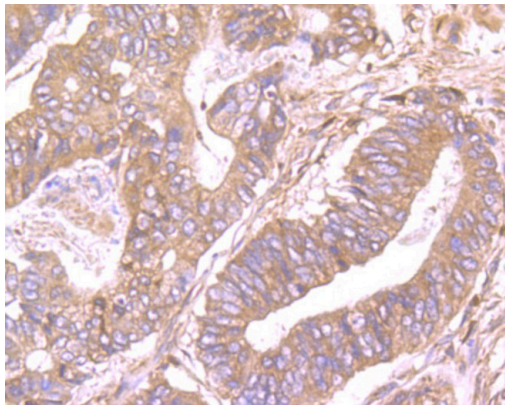
SDF1 Antibody (PA5-114344) in ICC/IF

Immunocytochemical analysis of SDF1 in LOVO cells using a SDF1 polyclonal antibody (Product #PA5-114344). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1:100 dilution. The nuclear counter stain is DAPI.



SDF1 Antibody (PA5-114344) in ICC/IF

Immunocytochemical analysis of SDF1 in 293T cells using a SDF1 polyclonal antibody (Product #PA5-114344). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1:100 dilution. The nuclear counter stain is DAPI.



SDF1 Antibody (PA5-114344) in IHC (P)

Immunohistochemical analysis of SDF1 in paraffin-embedded human colon cancer tissue using a polyclonal antibody (Product #PA5-114344). The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (1:100) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

International journal of molecular sciences	Year 2022
The SDF1-CXCR4 Axis Is Involved in the Hyperbaric Oxygen Therapy-Mediated Neuronal Cells Migration in Transient Brain Ischemic Rats.	Species Rat
"PA5-114344 was used in Western Blot to explore the effects of HBOT on the neurogenesis and the expressions of cell migration factors, including the stromal cell-derived factor 1 (SDF1) and its target receptor, the CXC chemokine receptor 4 (CXCR4)."	Dilution 1:1000
Authors: Wang RY,Yang YR,Chang HC	

Immunohistochemistry (2)

Frontiers in immunology	Year 2022
Use of gliptins reduces levels of SDF-1/CXCL12 in bullous pemphigoid and type 2 diabetes, but does not increase autoantibodies against BP180 in diabetic patients.	Species Human
"Published figure using SDF1 polyclonal antibody (Product # PA5-114344) in Immunohistochemistry"	Dilution 1:20000
Authors: Nätyнки A,Leisti P,Tuusa J,Varpuluoma O,Huilaja L,Izumi K,Herukka SK,Ukkola O,Junttila J,Kokkonen N,Tasanen K	

International journal of molecular sciences	Year 2022
The SDF1-CXCR4 Axis Is Involved in the Hyperbaric Oxygen Therapy-Mediated Neuronal Cells Migration in Transient Brain Ischemic Rats.	Species Rat
"PA5-114344 was used in Western Blot to explore the effects of HBOT on the neurogenesis and the expressions of cell migration factors, including the stromal cell-derived factor 1 (SDF1) and its target receptor, the CXC chemokine receptor 4 (CXCR4)."	Dilution 1:1000
Authors: Wang RY,Yang YR,Chang HC	

Immunocytochemistry (1)

Cells	Year 2022
Single Cell Analysis of Cultivated Fibroblasts from Chronic Pancreatitis and Pancreatic Cancer Patients.	
"Published figure using SDF1 polyclonal antibody (Product # PA5-114344) in Immunocytochemistry"	
Authors: Sunami Y,Chen Y,Trojanowicz B,Sommerer M,Hämmerle M,Eils R,Kleeff J	

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