CCR3 Antibody

Catalog No: #36785

Orders: order@signalwayantibody.com
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Description

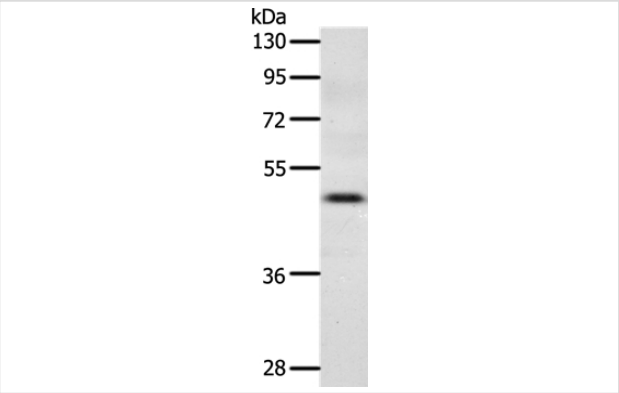
Product Name	CCR3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CCR3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human chemokine (C-C motif) receptor 3
Target Name	CCR3
Other Names	CKR3; CD193; CMKBR3; CC-CKR-3
Accession No.	Swiss-Prot#: P51677NCBI Gene ID: 1232Gene Accssion: NP_847898.1
Uniprot	P51677
GeneID	1232;
SDS-PAGE MW	43kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

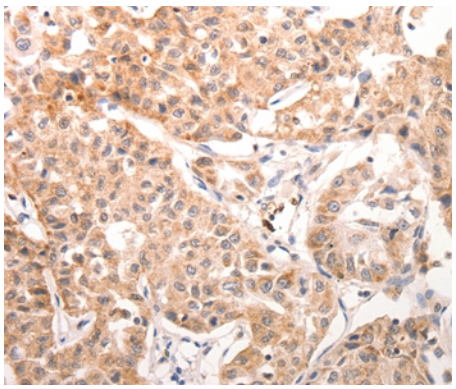
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE
Lysate: 40ug SKOV3 cell
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 90 seconds



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #36785 at dilution 1/40.

Background

The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described.

Note: This product is for in vitro research use only