

Product datasheet for **TA354451**

CXCR3 Mouse Monoclonal Antibody [Clone ID: 1C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1C6
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A 37aa-synthetic peptide corresponding to the N-terminus of human CXCR3 conjugated to KLH.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~41 kDa
Gene Name:	C-X-C motif chemokine receptor 3
Database Link:	NP_001136269 Entrez Gene 12766 Mouse Entrez Gene 84475 Rat Entrez Gene 2833 Human P49682



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Background:	Chemokine receptors are seven-transmembrane domain G-protein coupled receptors that mediate the biological activities of chemokines. Most of these receptors exhibit promiscuous binding properties whereby several different chemokines signal through the same receptor. They are named according to the chemokine subfamily they bind. There are currently six CXC-specific receptors designated CXCR1 to CXCR6. This antibody recognizes surface expressed CXCR3, as judged by staining of CXCR3 transfected cells, but not untransfected cells. The antibody also stained human T cells and T cell clones that had been activated in vitro with PHA or anti-CD3. However, the anti-CXCR3 antibody did not react with neutrophils. The CXCR3 receptor is also known as the IP-10 receptor and the Mig receptor.
Synonyms:	CD182; CD183; CKR-L2; CMKAR3; GPR9; IP10-R; Mig-R; MigR
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction