



# Anti-CXCR2 monoclonal antibody, clone HC2 [R-PE] (CABT-47231MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Product Overview** Mouse anti Human CD182 antibody, clone HC2 recognizes human C-X-C chemokine receptor type 2, (CXCR2) also known as CD182 or B interleukin 8 receptor, and also as CXCR2. CD182 is a 360 amino acid multipass membrane glycoprotein CD182 is expressed by neutrophils and monocytes, as well as on some subsets of T cells and endothelial cells. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood

<b>Specificity</b>	CXCR2
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	HC2
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Size</b>	100 tests
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">CXCR2 chemokine (C-X-C motif) receptor 2 [ Homo sapiens (human) ]</a>
Official Symbol	CXCR2
Synonyms	CXCR2; chemokine (C-X-C motif) receptor 2; CD182; IL8R2; IL8RA; IL8RB; CMKAR2; CDw128b; C-X-C chemokine receptor type 2; CXC-R2; CXCR-2; IL-8R B; GRO/MGSA receptor; IL-8 receptor type 2; interleukin 8 receptor B; chemokine (CXC) receptor 2; interleukin 8
Entrez Gene ID	<a href="#">3579</a>
Protein Refseq	<a href="#">NP_001161770</a>
UniProt ID	P25025
Chromosome Location	2q35
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; Endocytosis; Epithelial cell signaling in Helicobacter pylori infection;
Function	C-X-C chemokine receptor activity; interleukin-8 binding; interleukin-8 receptor activity; protein binding; signal transducer activity;