Product datasheet for AM08392PU-N

CXCR2 Mouse Monoclonal Antibody [Clone ID: 6D499]

Product data:

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Product Type:	Primary Antibodies
Clone Name:	6D499
Applications:	FC, IHC
Recommended Dilution:	**Flow Cytometry.** **Immunohistochemistry on Paraffin Sections:** 2.5 - 5 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	L1.2 cells expressing Human Interleukin-8 Receptor type B (IL8RB).
Specificity:	This antibody recognizes Interleukin 8 Receptor B (CXCR2/IL8RB).
Formulation:	PBS without preservatives. State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (Add 40-50% Glycerol) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X-C motif chemokine receptor 2
Database Link:	Entrez Gene 3579 Human P25025

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Background: CXCR2 is a receptor for Interleukin 8, which is a powerful neutrophil chemotactic factor. It is a member of the GPCR family (subfamily, chemokine). Binding of IL8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system. This receptor binds to IL8 with a high affinity and to GRO/MGSA and NAP2 also with a high affinity. It has been reported to be expressed in a wide variety of tissues. ESTs have been isolated from human placenta and thymus libraries.

Synonyms: CXCR2, CXCR-2, GRO/MGSA receptor, IL-8 receptor type 2, CDw128b, IL8 receptor beta

Product images:
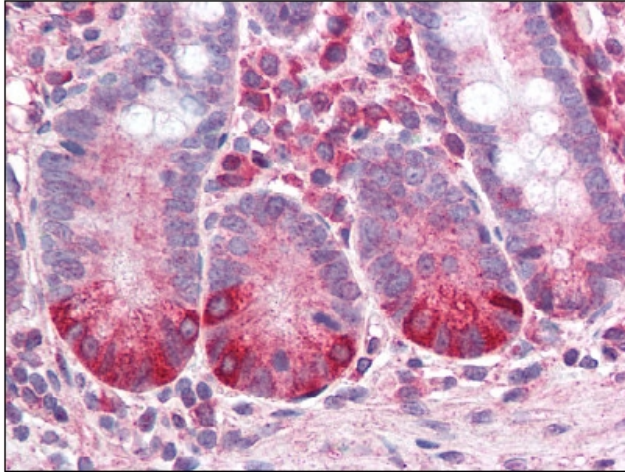
Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)