

**DATASHEET**

Version: 2016-08-17

**CXCR2 Antibody, pAb, Rabbit****Cat. No.:** A00993-40**Size:** 40 µg**Synonyms:** Rabbit Anti-CXCR2 pAb;**Description:**

CXCR2 is a member of the GPCR family (subfamily, chemokine). It is a receptor for Interleukin 8 (IL8), which is a powerful neutrophil chemotactic factor. Binding of IL8 with the receptor activates neutrophils. This response is mediated by a second messenger system in which G-protein activates phosphatidyl inositol-calcium. This receptor binds to IL8, GRO/MGSA, and NAP2 with a high affinity. Its expression has been reported to be in a wide variety of tissues.

GenScript **Rabbit Anti-CXCR2 Polyclonal Antibody** is developed in rabbit using a KLH-coupled synthetic peptide derived from N-terminal extracellular domain of human CXCR2.

**Immunogen:** KLH-coupled synthetic peptide derived from N-terminal extracellular domain of human CXCR2.

**Host:** Rabbit**Antigen Synonyms:** Human**Conjugation:** Unconjugated**Formulation:**

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

**Ig Subclass:** Rabbit IgG**Specificity:** GenScript Rabbit Anti-CXCR2 Polyclonal

Antibody detects human CXCR2 protein. It has not yet been tested for other species.

**Purification:** Immunoaffinity chromatography**Applications:**

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

**ELISA:** 0.05-0.2 µg/ml**Western blot:** 0.5-2 µg/ml**Immunohistochemistry:** 5-10 µg/ml**Other applications:** user-optimized**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

**Storage:**

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.