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IL8 Antibody

Rabbit mAb
Catalog # AP92683

Product Information

Application	WB
Primary Accession	P10145
Reactivity	Human
Clonality	Monoclonal
Other Names	CXCL8; GCP1; Granulocyte chemotactic protein 1; IL8; Inteleukin 8; LECT; LUCT; LYNAP; MDNCF; MONAP; NAF; NAP1; Neutrophil activating protein 1; SCYB8; TSG1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	11098

Additional Information

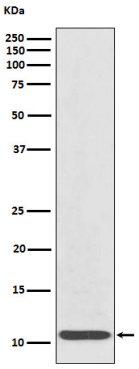
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human IL8
Description	IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CXCL8
Synonyms	IL8
Function	Chemotactic factor that mediates inflammatory response by attracting neutrophils, basophils, and T-cells to clear pathogens and protect the host from infection (PubMed:18692776, PubMed:7636208). Also plays an important role in neutrophil activation (PubMed:2145175, PubMed:9623510). Released in response to an inflammatory stimulus, exerts its effect by binding to the G protein-coupled receptors CXCR1 and CXCR2, primarily found in neutrophils, monocytes and endothelial cells (PubMed:1840701, PubMed:1891716). G protein heterotrimer (alpha, beta, gamma subunits) constitutively binds to CXCR1/CXCR2 receptor and activation by IL8 leads to beta and gamma subunits release from Galpha (GNAI2 in neutrophils) and activation of several downstream signaling pathways including PI3K and MAPK pathways (PubMed:11971003, PubMed:8662698).

Cellular Location Secreted.

Images



Western blot analysis of IL8 expression in IL8 recombinant protein cell lysate.

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