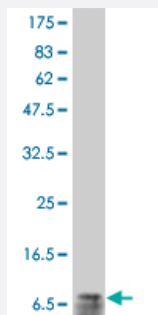


IL8 monoclonal antibody (M12), clone 4G11

Catalog # H00003576-M12

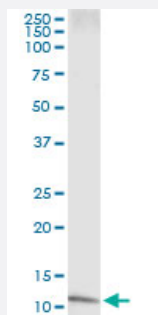
Size 100 ug

Applications



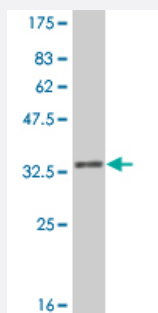
Western Blot (Recombinant protein)

IL8 monoclonal antibody, clone 4G11 (Cat # H00003576-M12) . Western Blot detection against a 8.9 KDa biologically active recombinant human IL-8 (endothelial-derived).



Immunoprecipitation

Immunoprecipitation of IL8 transfected lysate using anti-IL8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL8 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (31.69 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant IL8.

Immunogen

IL8 (AAH13615, 21 a.a. ~ 99 a.a) full length recombinant protein.

Sequence	EGAVLPRSAKELRCQCICKTYSKPFHPKFIKELRVIESGPHCANTEIMKLSDGRELCCLDPKENWVQR VVEKFLKRAENS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.69 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Western Blot (Recombinant protein)

IL8 monoclonal antibody, clone 4G11 (Cat # H00003576-M12) . Western Blot detection against a 8.9 KDa biologically active recombinant human IL-8 (endothelial-derived).

- Immunoprecipitation

Immunoprecipitation of IL8 transfected lysate using anti-IL8 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL8 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL8

Entrez GeneID	3576
GeneBank Accession#	BC013615
Protein Accession#	AAH13615
Gene Name	IL8

Gene Alias	CXCL8, GCP-1, GCP1, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP-1, NAP1
Gene Description	interleukin 8
Omim ID	146930
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. [provided by RefSeq]
Other Designations	T cell chemotactic factor beta-thromboglobulin-like protein chemokine (C-X-C motif) ligand 8 emoctakin granulocyte chemotactic protein 1 lymphocyte-derived neutrophil-activating factor monocyte-derived neutrophil chemotactic factor neutrophil-activating p

Publication Reference

- [Randomised clinical trial: the analgesic properties of dietary supplementation with palmitoylethanolamide and polydatin in irritable bowel syndrome.](#)

Cremon C, Stanghellini V, Barbaro MR, Cogliandro RF, Bellacosa L, Santos J, Vicario M, Pigrau M, Alonso Cotoner C, Lobo B, Azpiroz F, Bruley des Varannes S, Neunlist M, DeFilippis D, Iuvone T, Petrosino S, Di Marzo V, Barbara G.

Alimentary Pharmacology & Therapeutics 2017 Apr; 45(7):909.

Application: WB, Human, Patients with irritable bowel syndrome (IBS)

Pathway

- [Bladder cancer](#)
- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenomatous Polyps](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Appetite](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Bacterial Infections](#)
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- [Behcet Syndrome](#)
- [Biliary Tract Neoplasms](#)
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- [Blindness](#)
- [Brain Ischemia](#)
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- [Breast Neoplasms](#)
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- [Colon cancer](#)
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- [Pemphigoid](#)
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- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostate cancer](#)
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- [Uterine Neoplasms](#)
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- [Vaginosis](#)
- [Vesico-Ureteral Reflux](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)