



Anti-CXCL10 monoclonal antibody, clone 4D5 (CABT-47698MH)

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

PRODUCT INFORMATION

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| Product Overview | Mouse anti Human IP-10 antibody, clone 4D5 recognizes human C-X-C motif chemokine 10, also known as IP-10, Small-inducible cytokine B10 or CXCL10. IP-10 is a 98 amino acid ~10kDa CxC chemokine induced by interferon γ (P02778). |
| Specificity | CXCL10 |
| Immunogen | Recombinant human IP-10. |
| Isotype | IgG2a |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | 4D5 |
| Conjugate | Unconjugated |
| Applications | ELISA; WB |
| Format | Purified IgG - liquid |
| Size | 500 μ g |
| Preservative | 0.09% Sodium Azide |
| Storage | in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |

GENE INFORMATION

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| Gene Name | CXCL10 chemokine (C-X-C motif) ligand 10 [Homo sapiens (human)] |
| Official Symbol | CXCL10 |
| Synonyms | CXCL10; chemokine (C-X-C motif) ligand 10; C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10; C-X-C motif chemokine 10; gamma IP10; gamma-IP10; small-inducible cytokine B10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein; |
| Entrez Gene ID | 3627 |
| Protein Refseq | NP_001556 |
| UniProt ID | P02778 |
| Chromosome Location | 4q21 |
| Pathway | CXCR3-mediated signaling events; Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; |
| Function | CXCR3 chemokine receptor binding; cAMP-dependent protein kinase regulator activity; chemokine activity; heparin binding; protein binding; receptor binding; |