



Mouse Anti-Human CXCL1/2/3 monoclonal antibody, clone 42827 (CABT-L276M)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti-Human CXCL1/2/3 monoclonal antibody, clone 42827 [Biofunctional Grade]
Specificity	Detects human CXCL1/2/3 in direct ELISAs and Western blots.
Target	Human CXCL1/2/3
Immunogen	E. coli-derived recombinant human CXCL2. (aa 35-107)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	42827
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	Recommended dilution: WB: 1 µg/mL
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. Endotoxin Level: <0.10 EU per 1 µg of the antibody by the LAL method.

Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

BACKGROUND

Introduction CXCL1, CXCL2 (MIP-2 alpha), and CXCL3 (MIP-2 beta) are members of the alpha (C-X-C) subfamily of chemokines and are now designated GRO alpha, GRO beta, and GRO gamma, respectively. Mature CXCL1/2/3 proteins bind with high affinity to the IL-8 receptor type B and are potent neutrophil attractants and activators.

Keywords CXCL2; chemokine (C-X-C motif) ligand 2; GROb; Gro2; Mip2; Scyb; MIP-2; Scyb2; MIP-2a; Mgsa-b; CINC-2a; C-X-C motif chemokine 2; macrophage inflammatory protein 2; small inducible cytokine subfamily, member 2;