



## 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

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

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

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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	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;

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