



# Anti-IL8 monoclonal antibody, clone 9DI (CABT-ZC1187)

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

## PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b>    | Mouse Monoclonal Antibody to Human IL8 molecule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Antigen Description</b> | Interleukin-8 (IL-8) is a chemokine, a member of the cytokine family that displays chemotactic activity for specific types of leukocytes. It is a proinflammatory CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. Many cell types, including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, keratinocytes, hepatocytes, chondrocytes, and various tumor cell lines, can produce CXCL8/IL-8 in response to a wide variety of pro-inflammatory stimuli such as exposure to IL-1, TNF, LPS, and viruses. |
| <b>Target</b>              | IL8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>           | Full length human recombinant protein of human IL-8 produced in E. coli cell.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source/Host</b>         | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone</b>               | 9DI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>        | ELISA, LMNX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer</b>              | Stored in PBS (pH 7.4) with 0.05% sodium azide, 10mg/ml BSA, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>             | Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.                                                                                                                                                                                                                                                                                                                                                                                               |

# GENE INFORMATION

Entrez Gene ID [3576](#)

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UniProt ID [P10145](#)

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