Recombinant Human Anti-Human Granulysin Monoclonal Antibody
Cat. No.: HOM-19315

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

Product Overview
Recombinant humanized antibody expressed in CHO binding to human Granulysin.

Antigen Description
Granulysin is a substance released by cytotoxic T cells (CD8) when they are attached to infected body cells. It functions to create holes in the target cell membrane and destroy it. Granulysin is able to induce apoptosis in target cells and also has antimicrobial action. Granulysin is a cytolytic and proinflammatory molecule first identified by subtractive hybridization during a search for genes expressed by human cytotoxic T lymphocytes 3–5 days after their activation. It is expressed in cytolytic granules with perforin, a pore forming protein, and granzymes that are also involved in cytolysis. Granulysin is broadly antimicrobial, killing microbes that cause, for example, tuberculosis and malaria, and can destroy some tumors. A series of peptides generated from the amino acid sequence of granulysin are potential antibiotics.

Target
GNLY

Species Reactivity
Human

Type
Human IgG

Expression Host
CHO

Clone
Monoclonal

Purity
>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications
ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight
145.41 kDa

Stability
Samples are stable for up to twelve months from date of receipt at - °C and are stable for six months at 4 °C.

Storage
Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the
antibody into smaller quantities for optimal storage.

**Ship**

- **2-8°C, BLUE ICE**

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### ANTIGEN GENE INFORMATION

<table>
<thead>
<tr>
<th>Gene Name</th>
<th>GNLY granulysin [Homo sapiens]</th>
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<td>Official Symbol</td>
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<td>Synonyms</td>
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