



# Hi-Affi™ Rabbit Anti-Human LAG3 Monoclonal antibody, clone Favezelimab (DMAB-CDB25922)

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

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Product Overview</b>   | This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Favezelimab. Favezelimab targets the LAG3-binding site for MHC class II, its canonical ligand.   |
| <b>Specificity</b>        | Favezelimab binds to the D1 domain of human LAG3.  |
| <b>Target</b>             | Human LAG3   |
| <b>Immunogen</b>          | Human LAG3   |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | Human  |
| <b>Clone</b>              | Favezelimab  |
| <b>Purification</b>       | >90% determined by SDS-PAGE  |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | Suitable for use in Crystallography, EM.<br>Each laboratory should determine an optimum working titer for use in its particular application.<br>Other applications have not been tested but use in such assays should not necessarily be excluded. |
| <b>Format</b>             | Liquid   |

|                      |  |
|----------------------|--|
| <b>Concentration</b> | lot specific   |
| <b>Size</b>          | 200 µg, 1 mg   |
| <b>Buffer</b>        | PBS (endotoxin < 1EU/mg, lower endotoxin levels may also be offered upon request)      |
| <b>Preservative</b>  | None   |
| <b>Storage</b>       | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles. |
| <b>Ship</b>          | Dry ice  |

## BACKGROUND

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|---------------------|---|
| <b>Introduction</b> | LAG-3 is a 70-kDa surface glycoprotein belonging to the Ig superfamily with homology to CD4. LAG-3 binds to MHC class II with higher affinity than CD4 and is thought to be involved in the negative regulation of T cell activation and homeostatic proliferation. Surface expression of LAG-3 has been reported on activated T cells (including regulatory T cells) and NK cells. CD8+ T cells usually express LAG-3 at significantly higher levels than CD4+ T cells. Coexpression of LAG-3 and CD49b has been proposed to identify human and mouse Type 1 regulatory T cells (Tr1 cells). |
| <b>Keywords</b>     | CD223; LAG3; LAG-3; lymphocyte activation gene 3  |