

## Recombinant Anti-CD8B Antibody (V3S-1022-YC2696)

Cat. No.: V3S-1022-YC2696

### Summary

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Description</b>        | This product is a recombinant Mouse antibody provided by CreativeBiolabs. The antibody is specific for CD8b molecule. It can be used for CD8b molecule detection in Flow Cytometry. It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultrapurified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg. |
| <b>Clonality</b>          | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Host Species</b>       | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Target Species</b>     | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype Control</b>    | C35500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Secondary Antibody</b> | C37557; C41360; C32672; C10001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### Property

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| <b>Expression Species</b> | HEK293F or CHO Cell line                                                                                                                    |
| <b>Conjugation</b>        | Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.                                                                     |
| <b>Purity</b>             | >95%, determined by SDS-PAGE and SEC-HPLC                                                                                                   |
| <b>Endotoxin</b>          | <1 EU/mg, determined by LAL method                                                                                                          |
| <b>Purification</b>       | Purified with Protein A or G affinity chromatography                                                                                        |
| <b>Sterility</b>          | 0.2 µM filtered                                                                                                                             |
| <b>Formulation</b>        | PBS, pH 7.4                                                                                                                                 |
| <b>Preservation</b>       | No preservatives                                                                                                                            |
| <b>Stabilizer</b>         | No stabilizers                                                                                                                              |
| <b>Storage</b>            | Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics. |

### Applications

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

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| <b>Application</b> | FC |
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## Target

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| <b>Target</b> | CD8B |
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| <b>Alternative Name</b> | CD8B1; CD8BP |
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| <b>Gene ID</b> | <a href="#">396175</a> |
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|----------------|------------------------|
| <b>UniProt</b> | <a href="#">Q90769</a> |
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| <b>Introduction</b> | The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. |
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| <b>Research Area</b> | Cell Biology |
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