

Product Datasheet

MHC Class I Antibody (MEM-E/06) [Alexa Fluor™ Plus 647] NB500-307AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/12/2026 v.20.1

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NB500-307AFP647

MHC Class I Antibody (MEM-E/06) [Alexa Fluor™ Plus 647]

| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | MEM-E/06 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | Alexa Fluor Plus 647 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 3133 |
| Gene Symbol | HLA-E |
| Species | Human, Primate |
| Specificity/Sensitivity | This antibody (clone MEM-E/06) recognized native surface-expressed HLA-E, but not denaturated heavy chain of HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on many types of the human cells. Some resultss showed that this antibody cross-reacts with some classical MHC Class I molecules (HLA-A3, -A11, -B7). However, others have confirmed that this antibody exhibits much broader cross-reactivity classical MHC Class I antigens, namely with HLA-A24, -A32, -B8, -B15, -B27, -B35, -B44, -B54, -C3, -C4, -C5, -C7. |
| Immunogen | Bacterially expressed recombinant full length protein refolded with beta2-microglobulin and peptide (Human). |
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| Product Application Details | |
| Applications | Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, CyTOF-ready |



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NB500-307AFP647

| | |
|----------------|---|
| 210-TA-005 | TNF-alpha [Unconjugated] |
| H00003133-T01 | MHC Class I 293T Cell Transient Overexpression Lysate |
| 6507-IL-010/CF | IL-4 [Unconjugated] |
| 485-MI-100 | IFN-gamma [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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