# HLA-ABC Antibody Bra-23/9 / Mouse Monoclonal [clone Bra-23/9] (V5178)

| Catalog No. | Formulation | Size |
|---|---|---|
| V5178-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V5178-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V5178SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2a, kappa |
| **Clone Name** | Bra-23/9 |
| **Purity** | Protein A/G affinity |
| **UniProt** | P01889, P30443, P30499 |
| **Localization** | Cell Surface |
| **Applications** | Flow Cytometry : 1-2ug/million cells<br>Immunofluorescence : 1-2ug/ml |
| **Limitations** | This HLA-ABC Antibody Bra-23/9 is available for research use only. |



## Description

HLA-ABC Antibody Bra-23/9 reacts with a monomorphic determinant of human major histocompatibility (MHC) class I

antigens (HLA-A, B and C). Immunoprecipitation of lactoperoxidase radioiodinated cell surface proteins and surface sialoglycoproteins radiolabeled by sodium metaperiodate/tritiated sodium borohydride technique confirmed the structure gp44,p12 (consisting of a 44kDa glycopeptide linked with a non-glycosylated 12kDa peptide) typical for MHC class I antigen(s) as a structure recognized by Bra23/9. Human MHC class I antigens are expressed constitutively on all nucleated cells lymphocytes such as lymphocytes, thymocytes, granulocytes, and bone marrow cells and are absent on erythrocytes. MHC class I antigens play a role in class I MHC-associated antigen presentation, inhibition of NK cell cytotoxicity, tumor surveillance, and tissue allotransplantation.

For additional information on HLA class I biology and complementary antibody validation, visit our HLA-ABC Antibody MHC-I/8147R / MHC Class I Antibody page.

## Application Notes

Optimal dilution of the HLA-ABC Antibody Bra-23/9 should be determined by the researcher.

## Immunogen

Human REH cells (a pre-B leukaemia cell line) was used as the immunogen for the HLA-ABC Antibody Bra-23/9.

## Storage

Aliquot the HLA-ABC Antibody Bra-23/9 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

## Alternate Names

HLA-ABC antibody, MHC Class I antibody, MHC I antibody, HLA Class I antibody, HLA-A antibody, HLA-B antibody, HLA-C antibody


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