

## HLA-B Mouse Anti-Human HLA Class I Clone MEM-123 mAb

**Catalog No.** MON2079 **Quantity**: 100 μg

Alternate Names: AS, HLA-B-7301, HLA-B73, HLAB, HLAC, SPDA1, HLA class I histocompatibility

antigen, B alpha chain, HLA class I histocompatibility antigen, B-7 alpha chain, HLA class I histocompatibility antigen, Cw-5 alpha chain, HLA-B alpha chain (HLA-B\*7301), MHC Class I HLA heavy chain, MHC HLA-B cell surface glycoprotein, MHC class I antigen GN00104, MHC class I antigen HLA-B heavy chain, MHC class I antigen SHCHA,

leukocyte antigen class I-B, lymphocyte antigen

**Description:** MAb MEM-123 was previously characterized as antibody recognizing HLA-A, -B and -C

molecules. Recent studies revealed that MAb MEM-123 also reacts with native HLA-G molecule expressed by cells transfected with full-length HLA-G cDNA. Cytofluorometric analysis showed that MAb MEM-123 does not block immunofluorescence staining of HLA-G transfectants by MEM-G/9 FITC conjugate. Mab MEM-123 reacts with all human classical MHC Class I molecules in native cell surface forms as well as with human HLA-G cDNA transfected cells. Mab MEM-123 completely blocks binding of standard pan MHC Mab W6/32 and does not block binding of Mab MEM-G/9 to surface-expressed

HLA-G. Mab MEM-123 crossreacts with bovine MHC Class I molecules.

**Gene ID:** 3106

Host: Mouse

**Isotype:** IgG3

Formulation: 100 μg in solution (PBS containing 15 mM sodium azide, pH 7.4).**Precaution:** Sodium

azide is a poisonous and hazardous substance which should be handled by trained staff

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only.

**Applications:** The antibody can be used for Flow cytometry, Immunoprecipitation and Western Blotting

(non-reducing conditions)

Storage & Stability: Product should be stored at +4°C. for three months. For long term storage aliquot and

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store at -20°C. Avoid freeze/thaw cycles.

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