

Anti-Human HLA Class I Heavy Chain Mouse Monoclonal Antibody

Catalog	Unit
TBS10232-50	50 µg
TBS10232-100	100 µg
TBS10232-200	200 µg

Product Details

Description: The HLA Class I heavy chain, also known as the alpha chain, is a transmembrane glycoprotein that is essential for the presentation of antigens to CD8+ T cells. It forms a complex with beta-2 microglobulin and a peptide to create the functional HLA Class I molecule. The heavy chain consists of three extracellular domains ($\alpha 1$, $\alpha 2$, and $\alpha 3$), a transmembrane domain, and a cytoplasmic tail.

Alternative names: Major Histocompatibility Class I, MHC class I, human leukocyte antigen (HLA), HLA class I histocompatibility antigen

Applications:

- Flow cytometry (FC)
- Immunohistochemistry - Frozen (IHC-F)

Specificity: The recombinant antibody specifically binds to human HLA Class I Heavy Chain.

Host: Mouse

Isotype: Mouse IgG2a Kappa

Concentration: 0.5 mg/mL

Purity: 95%

Conjugation: Non-conjugated.

Formulation: pH 7.4, containing 0.09% sodium azide

Clonality: Monoclonal

Sterility: 0.2 µm filtered

Storage: 4°C stable for up to 12 months.

For research use only.