Recombinant MHC Class I Monoclonal Antibody

catalog number: **AN301601L**

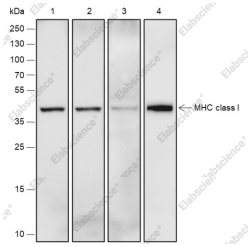
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant human MHC Class I fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C221224
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:100

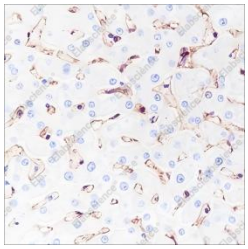
Data



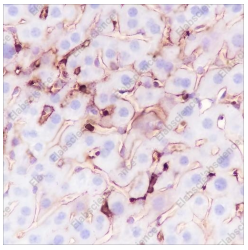
Western Blot with MHC Class I Monoclonal Antibody at dilution of 1:1000. Lane 1: Raji, Lane 2: THP-1, Lane 3: A549, Lane 4: A431

Observed-MW:40 kDa

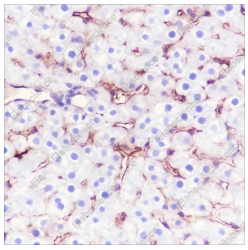
Calculated-MW:41 kDa



Immunohistochemistry of paraffin-embedded Human liver using MHC Class I Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse liver using MHC Class I Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat liver using MHC Class I Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

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Antigen-presenting major histocompatibility complex class I (MHCI) molecule. In complex with B2 M/beta 2 microglobulin displays primarily viral and tumor-derived peptides on antigen-presenting cells for recognition by T cell receptor (TCR) on MHCI -restricted CD8-positive T cells, guiding antigen-specific T cell immune response to eliminate infected or transformed cells.