Recombinant MHC Class I Monoclonal Antibody

catalog number: **E-AB-81519**

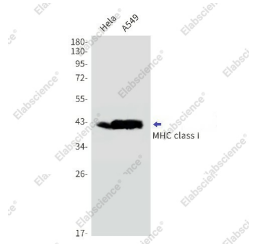
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthesized peptide derived from human MHC class I
Host	Rabbit
Isotype	Rabbit IgG
Clone	C323305
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100

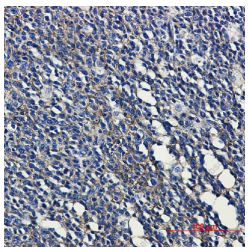
Data



Western blot detection of MHC class I in Hela,A549 cell lysates using MHC class I Rabbit mAb(1:1000 diluted).Observed band size:41kDa.

Observed-MW:41 kDa

Calculated-MW:41 kDa



Immunohistochemical of MHC class I in Human tonsil tissue using MHC class I antibody at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Major histocompatibility complex (MHC) molecules form an integral part of the immune response system. They are cell-surface receptors that bind peptides and present them to T lymphocytes. HLA-A, -B and -C encode membrane anchored heavy chains which heterodimerize with a light chain (b-2-Microglobulin) to form MHC-I. Polymorphisms yield hundreds of HLA-A, -B and -C alleles.

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