

Recombinant MHC Class I Monoclonal Antibody

Catalog Number:E-AB-81519



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

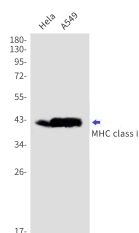
Description

Reactivity	Human
Immunogen	A synthesized peptide derived from human MHC class I
Host	Rabbit
Isotype	IgG
Clone	R02-5C6
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

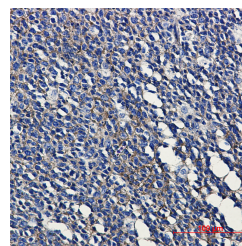
WB	1:1000-1:2000
IHC	1:50-1:100

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:41kDa
Calculated Mw:41kDa



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. Avoid freeze / thaw cycles.

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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