

Product Name: MHC Class I Rabbit Monoclonal Antibody
Catalog #: AMRe03266



Summary

Production Name	MHC Class I Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	HLA-A
Alternative Names	Aw-68; HLA class I histocompatibility antigen; A-28 alpha chain; MHC class I antigen A*68; HLA-A; MHC class I antigen HLA A heavy chain
Gene ID	3105.0
SwissProt ID	P04439.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 41 kDa; Observed MW: 41 kDa

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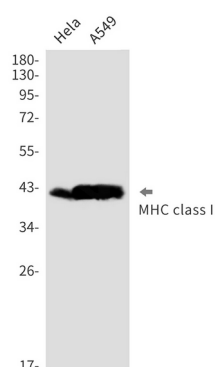
Background

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.

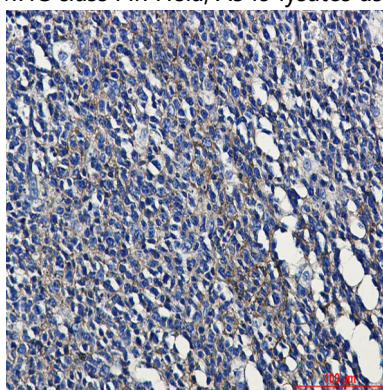
Research Area

Immunology

Image Data



Western blot analysis of MHC class I in HeLa, A549 lysates using MHC Class I antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using MHC class I antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.