

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

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## Summary

<b>Production Name</b>	MHC Class I Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human

## Performance

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

## Immunogen

<b>Gene Name</b>	HLA-A
<b>Alternative Names</b>	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
<b>Gene ID</b>	3105.0
<b>SwissProt ID</b>	P04439

## Application

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

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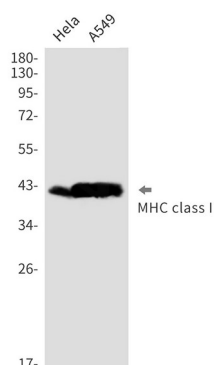
## Background

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.

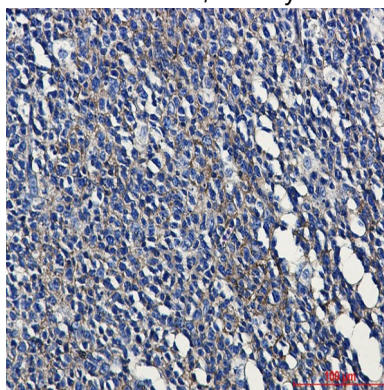
## Research Area

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.