

## MHC CLASS I RABBIT MAB

**Cat.#:** N263619

**Product Name:** Anti-MHC Class I Rabbit Monoclonal Antibody

**Synonyms:** 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

**UNIPROT ID:** P04439

**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.

**Immunogen:** A synthesized peptide derived from human MHC class I

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-5C6

**MW:** Calculated MW: 41 kDa; Observed MW: 41 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

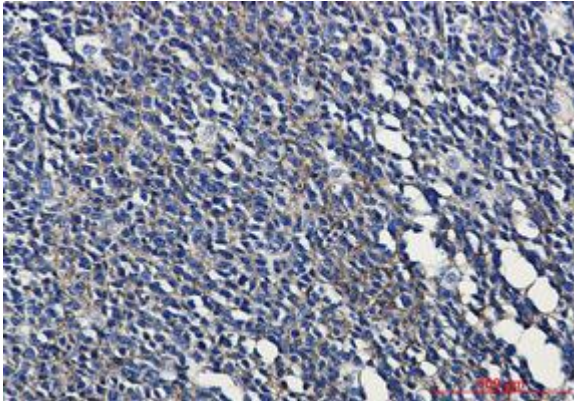
**Conjugation:** Unconjugated

**Modification:** Unmodified

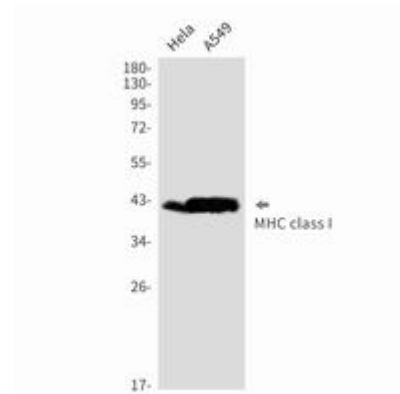
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Immunology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.



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