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Anti-MICB Reference Antibody (U.Washington patent anti-MICB)

Recombinant Antibody
Catalog # APR10978

Specification

Anti-MICB Reference Antibody (U.Washington patent anti-MICB) - Product Information

Application	**FC, E, FTA**
Primary Accession	Q29980
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**143.66 KDa**

Anti-MICB Reference Antibody (U.Washington patent anti-MICB) - Additional Information

Target/Specificity
MICB

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Storage
-80°C for 2 years under sterile conditions□ -20°C for 1 year under sterile conditions□Avoid repeated freeze-thaw cycles.

Anti-MICB Reference Antibody (U.Washington patent anti-MICB) - Protein Information

Name MICB {ECO:0000312|EMBL:CAA62823.1}

Function
Seems to have no role in antigen presentation. Acts as a stress-induced self-antigen that is recognized by gamma delta T cells. Ligand for the KLRK1/NKG2D receptor. Binding to KLRK1 leads to cell lysis.

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q29983}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q29983} Note=Binding to human cytomegalovirus glycoprotein UL16 causes sequestration in the endoplasmic reticulum {ECO:0000250|UniProtKB:Q29983,

ECO:0000269|PubMed:12782710}

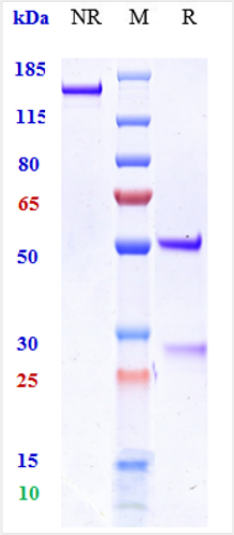
Tissue Location
Widely expressed with the exception of the central nervous system where it is absent. Expressed in many, but not all, epithelial tumors of lung, breast, kidney, ovary, prostate and colon In hepatocellular carcinomas, expressed in tumor cells but not in surrounding non-cancerous tissue.

Anti-MICB Reference Antibody (U.Washington patent anti-MICB) - Protocols

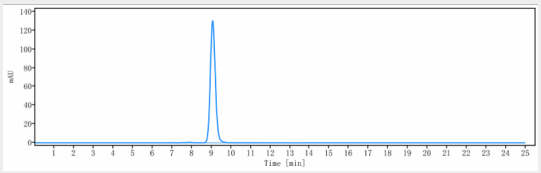
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MICB Reference Antibody (U.Washington patent anti-MICB) - Images



Anti-MICB Reference Antibody (U.Washington patent anti-MICB) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-MICB Reference Antibody (U.Washington patent anti-MICB)is more than 95% ,determined by SEC-HPLC.