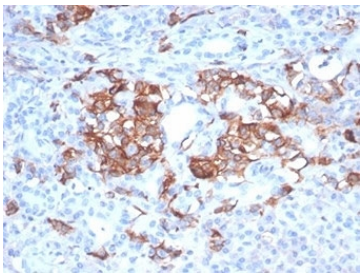
MIC2 Antibody / CD99 [clone MIC2/7310] (V4037)

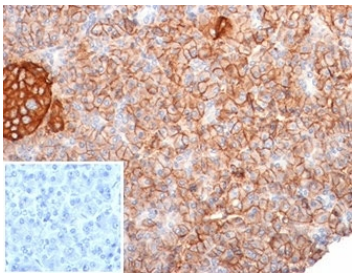
Catalog No.	Formulation	Size
V4037-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4037-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4037SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	MIC2/7310
Purity	Protein A/G affinity
UniProt	P14209
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This MIC2 antibody is available for research use only.



IHC staining of FFPE human pancreas tissue with MIC2 antibody (clone MIC2/7310). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human pancreas tissue with MIC2 antibody (clone MIC2/7310). Negative control inset: PBS used instead of primary antibody to control for secondary Ab binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

MIC2/CD99 is implicated in various cellular processes including homotypic aggregation of T cells, upregulation of T cell receptor and MHS molecules, apoptosis of immature thymocytes and leukocyte diapedesis. It is expressed on the cell membrane of some lymphocytes, cortical thymocytes, granulosa cells of the ovary, most pancreatic islet cells, Sertoli cells of the testis, and some endothelial cells.

Application Notes

Optimal dilution of the MIC2 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-185 from the human protein was used as the immunogen for the MIC2 antibody.

Storage

Aliquot the MIC2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.