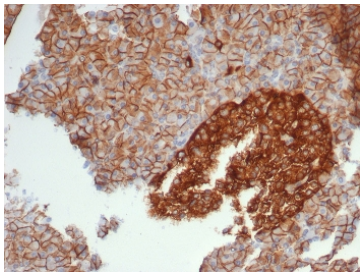
CD99 Antibody / MIC2 [clone MIC2/7861] (V5353)

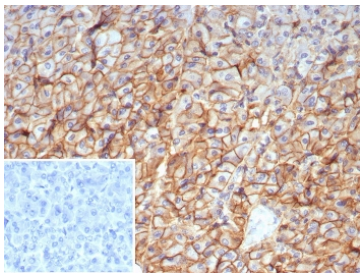
Catalog No.	Formulation	Size
V5353-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5353-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5353SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

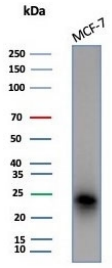
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	MIC2/7861
Purity	Protein A affinity
UniProt	P14209
Localization	Cell surface
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD99 antibody is available for research use only.



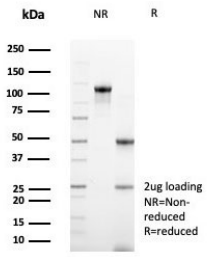
IHC staining of FFPE human pancreas tissue with CD99 antibody (clone MIC2/7861). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human pancreas tissue with CD99 antibody (clone MIC2/7861). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human MCF-7 cell lysate with CD99 antibody (clone MIC2/7861). Predicted molecular weight: 16-32 kDa depending on the level of glycosylation.



SDS-PAGE analysis of purified, BSA-free CD99 antibody (clone MIC2/7861) as confirmation of integrity and purity.

Description

Although its function is not fully understood, 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.

Application Notes

Optimal dilution of the CD99 antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 1-185) from the human protein was used as the immunogen for the CD99 antibody.

Storage

Aliquot the CD99 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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