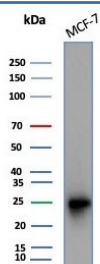


CD99 Antibody / MIC2 [clone MIC2/7862] (V5354)

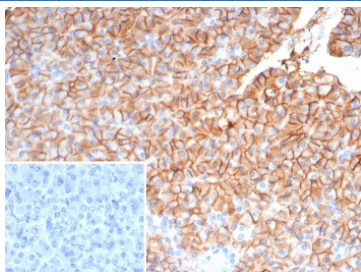
Catalog No.	Formulation	Size
V5354-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5354-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5354SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

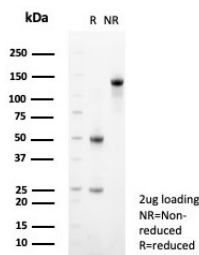
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	MIC2/7862
Purity	Protein A affinity
UniProt	P14209
Localization	Cell surface
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD99 antibody is available for research use only.



Western blot testing of human MCF-7 cell lysate with CD99 antibody (clone MIC2/7862).
Predicted molecular weight: 16-32 kDa depending on the level of glycosylation.



IHC staining of FFPE human pancreas tissue with CD99 antibody (clone MIC2/7862). 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.



SDS-PAGE analysis of purified, BSA-free CD99 antibody (clone MIC2/7862) as confirmation of integrity and purity.

Description

CD99 gene encodes two distinct proteins, which are produced by alternative splicing of the CD99 gene transcript and are identified as bands of 30 and 32kDa (p30/32). It is strongly expressed on Ewing s sarcoma cells and primitive peripheral neuroectodermal tumors.

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.