BT LAB
Bioassay Technology Laboratory
Optimize Your Research

MIC2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05410
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD99. AA range:11-60
Mol wt	18848
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IF, IHC-p, ELISA
Concentration	1 mg/ml
Full name	MIC2 Antibody
Synonyms	CD99; MIC2; MIC2X; MIC2Y; CD99 antigen; 12E7; E2 antigen; Protein MIC2; T-cell surface glycoprotein E2; CD antigen CD99

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by CD99 is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. CD99 is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus.

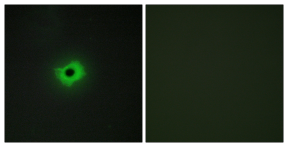
Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunofluorescence analysis of COS7 cells, using CD99 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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