

Datasheet for ABIN7193657
anti-CD99 antibody (AA 1-185)[Go to Product page](#)

8 Images

Overview

Quantity:	0.1 mg
Target:	CD99
Binding Specificity:	AA 1-185
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CD99 (AA: 1-185) expressed in E. coli.
Clone:	7E11C4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD99
Alternative Name:	CD99 (CD99 Products)
Target Type:	Viral Protein
Background:	Description: The protein encoded by this gene is a cell surface glycoprotein involved in

Target Details

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. This gene 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.

Aliases: MIC2, HBA71, MIC2X, MIC2Y, MSK5X

Molecular Weight:	18.8 kDa
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Gene ID:	4267
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Application Details

Application Notes:	WB:1:500 - 1:2000, IHC:1:200 - 1:1000, ICC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,
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Restrictions:	For Research Use only
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Handling

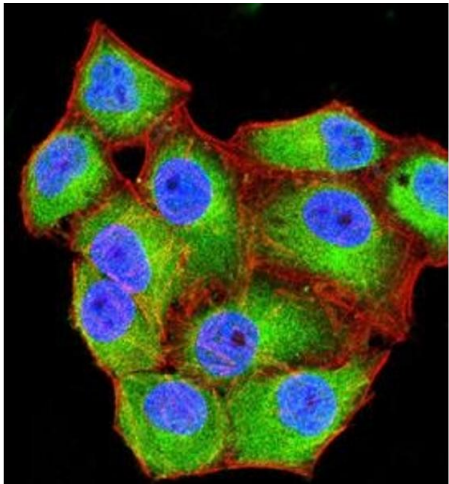
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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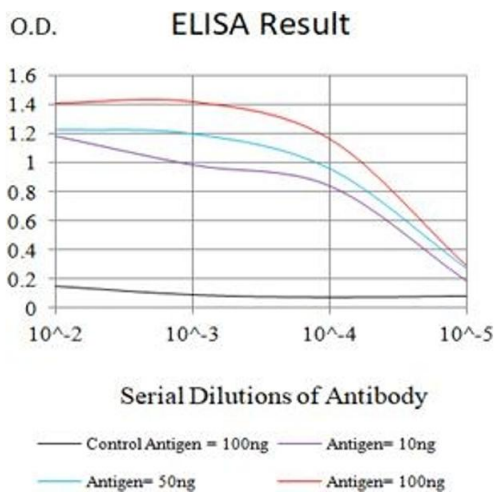
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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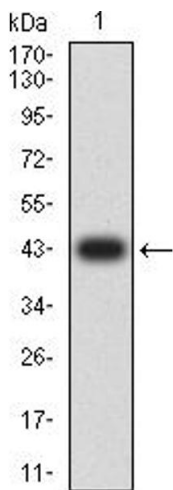
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using CD99 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD99 mAb against human CD99 (AA: 1-185) recombinant protein. (Expected MW is 43 kDa)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7193657.