



Rabbit Anti-Human CD99 monoclonal antibody, clone KG1002 (CABT-L872)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CD99
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KG1002
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	25 kDa
Cellular Localization	Membrane.
Positive Control	THP-1, PANC-1, Hela, PC-3M, human tonsil tissue, human pancreas tissue, human uterus tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	MIC2, also designated CD99, is a T cell surface protein that is involved in the aggregation of lymphocytes. Two forms of MIC2, which are differentially expressed, are produced by alternative splicing. The major form induces cellular adhesion, whereas the truncated form inhibits the adhesion process. MIC2 regulates the LFA-1/ICAM-1-mediated adhesion of lymphocytes. Overexpression of the truncated form results in downregulated expression of LFA-1. Cells with downregulated MIC2 exhibit a Hodgkin's and Reed-Sternberg (H-RS) phenotype, indicating that MIC2 plays an important role in regulating cell function and morphology.
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Keywords	12E7;Antigen identified by monoclonal 12E7, Y homolog;Antigen identified by monoclonal antibodies 12E7, F21 and O13;CD99;CD99 antigen;CD99 molecule;CD99_HUMAN;Cell surface antigen 12E7;Cell surface antigen HBA 71;Cell surface antigen O13;E2 antigen;HBA71;MIC 2X;MIC 2Y;MIC2 (monoclonal antibody 12E7);MIC2;MIC2X;MIC2Y;MSK5X;Protein MIC2;Surface antigen MIC2;T cell surface glycoprotein E2;T-cell surface glycoprotein E2 antibody
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GENE INFORMATION

Entrez Gene ID [4267](#)

UniProt ID [P14209](#)