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10-3553: Monoclonal Antibody to human CD96(Discontinued)

Clonality :	Monoclonal
Clone Name :	NK92.39
Application :	FACS
Reactivity :	Human
Gene :	CD96
Gene ID :	10225
Uniprot ID :	P40200
Alternative Name :	Cell surface antigen CD96, T cell-activated increased late expression protein
Isotype :	Mouse IgG1

Description

The monoclonal antibody NK92.39 reacts with CD96, also known as T cell-activated increased late expression (Tactile). CD96 promotes natural killer (NK) cell adhesion to target cells expressing the poliovirus receptor (PVR or CD155). Furthermore CD96 stimulates cytotoxicity of activated NK cells, and mediates acquisition of PVR from target cells. This means NK cells have due to the receptor CD96 a dual receptor system that recognizes nectins and nectin-like molecules on target cells and mediates NK cells adhesion and triggering of effector functions. As PVR is highly expressed in certain tumors, this receptor system may be critical for NK cell recognition of tumors. The monoclonal antibody NK92.39 blocks binding of soluble poliovirus receptor (PVR) to NK92 cells.

Product Info

Amount :	Monoclonal Antibody to human CD96(Discontinued) / 500 µg
Content :	0.5 mg 0.2 µm filtered antibody solution in PBS, containing 0.1% bovine serum albumin.
Storage condition :	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

Application Note

For flow cytometry dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50. For functional studies in vitro dilutions have to be made according to the amounts of CD96 to be inactivated.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.