

Product datasheet for **AM26206PU-N**

CD96 Mouse Monoclonal Antibody [Clone ID: NK92.39]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NK92.39
Applications:	FC, FN
Recommended Dilution:	Flow Cytometry: Use 1/50 as starting dilution. Functional Assay: Blocks binding of soluble poliovirus receptor (PVR) to NK92 cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This Monoclonal antibody NK92.39 reacts with CD96, also known as T cell-activated increased late expression (Tactile).
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD96 molecule
Database Link:	Entrez Gene 10225 Human P40200



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Background:

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.

Synonyms:

TACTILE