

NKp46/NCR1 Protein, Human (HEK293, mFc)

Cat. No.:	HY-P78008
Synonyms:	CD335; Ly94; NCR1; NKp46; MAR-1; NKP46FLJ99094
Species:	Human
Source:	HEK293
Accession:	O76036 (Q22-N255)
Gene ID:	9437
Molecular Weight:	65-75 kDa

PROPERTIES

Biological Activity	Immobilized Human NKp46, mFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-Nkp46 Antibody, hFc Tag with the EC ₅₀ of 18.7ng/ml determined by ELISA.
Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The NKp46/NCR1 protein serves as a cytotoxicity-activating receptor, potentially enhancing the efficacy of activated natural killer (NK) cells in mediating the lysis of tumor cells. This receptor interacts with CD247 and FCER1G, playing a pivotal role in the signaling pathways associated with NK cell activation and cytotoxicity against target cells. NKp46/NCR1 contributes to the intricate regulatory network involved in the recognition and elimination of target cells by activated NK cells, highlighting its importance in immune surveillance and anti-tumor responses.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA