NKp46/NCR1 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P78007
Synonyms:	CD335; Ly94; NCR1; NKp46; MAR-1; NKP46FLJ99094
Species:	Cynomolgus
Source:	HEK293
Accession:	Q95JB9 (A22-N254)
Gene ID:	102115479
Molecular Weight:	35-45 kDa

PROPERTIES

Biological Activity	Immobilized Cynomolgus NKp46, His Tag at 0.5 μg/mL (100 μl/Well) on the plate. Dose response curve for Anti-NKp46 Antibody, hFc Tag with the EC_{50} of ≤7.0 ng/mL determined by ELISA.
Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 μm filtered solution in 20 mM Tris, 150 mM NaCl, 100 mM L-arginine, pH 8.2 or PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	NKp46/NCR1 Protein is a cell receptor that plays a crucial role in enhancing the efficiency of activated natural killer (NK) cells in destroying tumor cells. It acts as a cytotoxicity-activating receptor, potentially aiding in the process of tumor cell lysis by NK cells. NKp46/NCR1 Protein interacts with CD3Z and FCER1G, which may further enhance the ability of NK cells to recognize and target cancerous cells.

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