

## CLEC12A/MICL Protein, Human (Biotinylated, HEK293, Fc-Avi)

Cat. No.:	HY-P77634
Synonyms:	MICL; CLL-1; CLEC12A; CLL1; DCAL2; DCAL-2; CD371; CD303; CLECSF11; CLECSF7; DLEC; HECL; PRO34150; DCAL-2
Species:	Human
Source:	HEK293
Accession:	Q5QGZ9-2 (H65-A265)
Gene ID:	160364
Molecular Weight:	60-75 kDa

### PROPERTIES

Biological Activity	Immobilized Anti-CLEC12A Antibody, hFc Tag at 1 µg/mL (100 µl/Well) on the plate. Dose response curve for Biotinylated Human CLEC12A, hFc Tag with the EC <sub>50</sub> of 21.1 ng/mL determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years from date of receipt. 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	CLEC12A/MICL (C-type lectin domain family 12 member A/Myeloid inhibitory C-type lectin-like receptor) is a cell surface receptor that functions as a regulator of signaling cascades, specifically facilitating the tyrosine phosphorylation of target MAP kinases. Through its interactions with PTPN6 and PTPN11, CLEC12A/MICL is implicated in intricate cellular signaling processes, suggesting its significance in modulating immune responses and potentially serving as a target for therapeutic interventions aimed at manipulating immune system function.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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