## International Office

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# EB12523 - Goat Anti-CLEC12A / MICL Antibody

Size: 100µg specific antibody in 200µl

## Target Protein

**Principal Names:** CLEC12A, C-type lectin domain family 12, member A, CLL-1, CLL1, DCAL-2, MICL, C-type lectin domain family 12 member A, C-type lectin protein CLL-1, C-type lectin superfamily, C-type lectin-like molecule-1, dendritic cell-associated lectin 2, myeloid inhib
**Official Symbol:** CLEC12A
**Accession Number(s):** NP_612210.4; NP_963917.2; NP_001193939.1
**Human GeneID(s):** 160364
**Important Comments:** This antibody is expected to recognize all reported isoforms (NP_612210.4; NP_963917.2; NP_001193939.1).

## Immunogen

Peptide with sequence C-NPVQLGSTYFRE, from the C Terminus of the protein sequence according to NP_612210.4; NP_963917.2; NP_001193939.1.

Please note the peptide is available for sale.

## Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

## Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.
**Western blot:** Approx 37kDa band observed in lysates of cell line U937 (calculated MW of 30.8kDa according to NP_612210.4). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml.

## Species Reactivity

**Tested:** Human
**Expected from sequence similarity:** Human


EB12523 (0.3µg/ml) staining of U937 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.