**Anti-Human CD301-167Er**

**Catalog:** 3167015B  
**Package Size:** 100 tests  
**Storage:** Store product at 4°C. Do not freeze.  
**Reactivity:** Human,

**Technical Information**

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to $3 \times 10^6$ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

**Description**

CLEC10a (C-type lectin domain family member 10a) is also known as CD301, macrophage galactose/N-acetylgalactosamine (GalNAc) specific lectin (MGL), DCASGPR, and HML. It is a 40 kD type II transmembrane glycoprotein and is expressed on immature myeloid dendritic cells and alternatively activated (tolerogenic) macrophages. CLEC10a binds in a calcium-dependent manner to terminal galactose and N-acetylgalactosamine units, linked to serine or threonine. These sugar moieties are known as Tn-Ag and are expressed in a variety of carcinoma cells.

**References**


**For technical support visit fluidigm.com/support**

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