

## CD 205, DEC-205 clone 11A10

### Instructions for Use

**Specification:**

DEC-205 is a 205kD integral membrane glycoprotein homologous to the macrophage mannose receptor and related receptors. It is a novel multilectin, endocytic receptor that can be used by dendritic cells and thymic epithelial cells to direct captured antigens from extracellular spaces to a specialized antigen processing compartment.

**Availability:**

Catalog No.	Contents	Volume
ILM110886-C01	CD 205	0,1 ml concentrate
ILM110886-C05	CD 205	0,5 ml concentrate
ILM110886-C1	CD 205	1,0 ml concentrate

**Intended use:** For Research Use Only

**Reactivity:** Human

**Clone:** 11A10

**Species of origin:** Mouse

**Isotype:** IgG1

**Controle Tissue:** Tonsil

**Staining:** Membrane

**Immunogen:** Prokaryotic recombinant protein corresponding to a region of the extracellular domain (amino acids 55-454) of the human DEC-205 molecule

**Presentation:** Liquid tissue culture supernatant containing 15mM sodium azide

**Application and suggested dilutions:**

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:100)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

**References:**

- 1) Guo M, Gong S, Maric S, et al. Human Immunology. 61 (8): 729-738 (2000).
- 2) Steinman R M, Pack M and Inaba K. Immunological Reviews. 156: 25-37 (1997).
- 3) Jiang W, Swiggard W J, Heufler C, et al.. Nature. 375: 151-155 (1995).
- 4) Witmer-Pack M D, Swiggard W J, Mirza A, et al. Cellular Immunology. 163 (1): 157-162 (1995).