

# Anti-Follicular Dendritic Cell Antigen [BU10]

**Catalogue number:** 151496

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** University of Birmingham

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Follicular Dendritic Cell Antigen [BU10]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Follicular dendritic cells (FDC), described as embryonal non-phagocytic reticulum cells are found exclusively in B cell-rich follicles of peripheral lymphoid tissue. In the germinal centres of secondary follicles their cytoplasmic processes form a dense network closely associated with the lymphoid cells.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgM

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Tonsil / Lymph node

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Follicular Dendritic Cell marker

**Target alternate names:**

**Target background:** Follicular dendritic cells (FDC), described as embryonal non-phagocytic reticulum cells are found exclusively in B cell-rich follicles of peripheral lymphoid tissue. In the germinal centres of secondary follicles their cytoplasmic processes form a dense network closely associated with the lymphoid cells.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** FACS ; IHC

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Burchell et al. 1993. Epithelial Cell Biol. 2(4):155-62. PMID: 7505698. ; Effect of modification of carbohydrate side chains on the reactivity of antibodies with core-protein epitopes of the MUC1 gene product. ; Moss et al. 1988. Lung Cancer. 4, 76-78. ; Burchell et al. 1987. Cancer Res. 47(20):5476-82. PMID: 2443241. ; Development and characterization of breast cancer reactive monoclonal antibodies directed to the core protein of the human milk mucin. ; Chang et al. 1986. Biochim Biophys Acta. 823(3):161-94. PMID: 2423124. ; In vitro transformation of human epithelial cells. ; Burchell et al. 1983. J Immunol. 131(1):508-13. PMID: 6190927. ; Complexity of expression of antigenic determinants, recognized by monoclonal antibodies HMFG-1 and HMFG-2, in normal and malignant human mammary epithelial cells. ; Taylor-Papadimitriou et al. 1981. Int J Cancer. 28(1):17-21. PMID: 7309278. ; Arklie et al. 1981. Int J Cancer. 28(1):23-9. PMID: 6273328. ; Differentiation antigens expressed by epithelial cells in the lactating breast are also detectable in breast cancers. ; Monoclonal antibodies to epithelium-specific components of the human milk fat globule membrane: production and reaction with cells in culture.

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