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## 36-1162: Monoclonal Antibody to CD15 / FUT4 (Reed-Sternberg Cell Marker)(Clone : BRA-4F1)

Clonality: Monoclonal Clone Name: BRA-4F1 Application: FACS.IF.IHC Reactivity: Human Gene: FUT4 Gene ID: 2526 **Uniprot ID:** P22083 Format: Purified

Alternative Name : FUT4,ELFT,FCT3A Isotype : Mouse IgM, kappa

Immunogen Information: Myelomonocytic leukemia cells

## **Description**

CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on >95% of granulocytes including neutrophils and eosinophils and to a lesser degree on monocytes. In addition, CD15 is expressed in Reed-Sternberg cells and some epithelial cells. CD15 antibody is very useful in the identification of Hodgkin s disease. CD15 is occasionally expressed in large cell lymphomas of both B and T phenotypes which otherwise have a quite distinct histological appearance.

## **Product Info**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

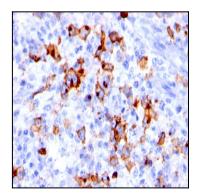
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA Buffer, pH 7.5-8.5, for 45 min at 95&degC followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with CD15 Monoclonal Antibody (BRA-4F1).