9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

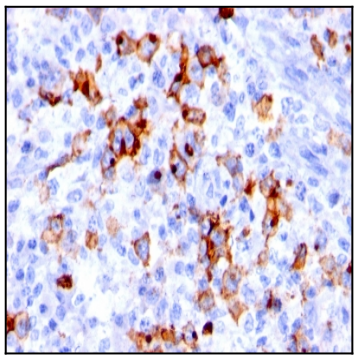
CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on >95% of granulocytes including neutrophils and eosinophils and to a lesser degree on monocytes. In addition, CD15 is expressed in Reed-Sternberg cells and some epithelial cells. CD15 antibody is very 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).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.