

12-1022: Recombinant Rabbit Monoclonal Antibody to CD15 / FUT4 (Reed-Sternberg Cell Marker)(Clone : FUT4/1478R)

Clonality :	Monoclonal
Clone Name :	FUT4/1478R
Application :	FACS,IF,IHC
Reactivity :	Human, Mouse, Rat
Gene :	FUT4
Gene ID :	2526
Uniprot ID :	P22083
Format :	Purified
Alternative Name :	3 Fucosyl N Acetyl Lactosamine, Alpha (1,3) Fucosyltransferase, Alpha 13 fucosyltransferase FucT, ELAM Ligand Fucosyltransferase, ELFT, FCT3A, Fuc-TIV, Fucosyltransferase 4 Alpha 1 3 Fucosyltransferase Myeloid Specific, Fucosyltransferase 4, Galactoside 3 L Fucosyltransferase, Lewis X, LeX, SSEA1, Stage Specific Embryonic Antigen 1
Isotype :	Rabbit IgG
Immunogen Information :	Purified human neutrophils

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 :	20 µg / 100 µg
Purification :	Purified Ab with BSA and Azide at 200ug/ml
Content :	200ug/ml of Ab purified by Protein A Column. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & Azide at 1.0mg/ml.
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 (1-2 \times 10⁵µg/million cells); Immunofluorescence (1-2 \times 10⁵µg/ml); Immunohistochemistry (Formalin-fixed) (1-2 \times 10⁵µg/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 8.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)

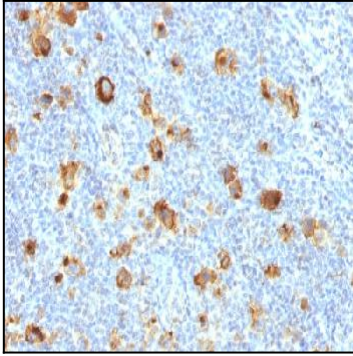


Figure 1: Formalin-fixed, paraffin-embedded human Hodgkin`s Lymphoma stained with CD15 Rabbit Recombinant Monoclonal Antibody (FUT4/1478R).

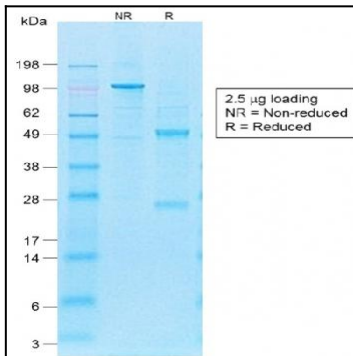


Figure 2: SDS-PAGE Analysis of Purified CD15 Rabbit Recombinant Monoclonal Antibody (FUT4/1478R).