

## 36-2356: Anti-CD15 / FUT4 (Reed-Sternberg Cell Marker) Monoclonal Antibody(Clone: FUT4/1478R)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	FUT4/1478R
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human, Mouse, Rat
<b>Gene :</b>	FUT4
<b>Gene ID :</b>	2526
<b>Uniprot ID :</b>	P22083
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant human full-length CD15 protein

### Description

CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on 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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/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.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### 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, pH 8.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)

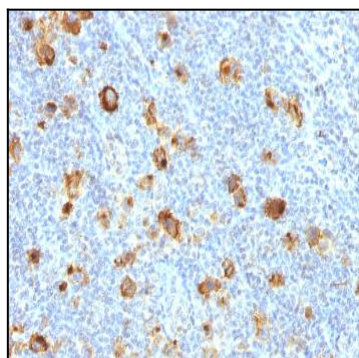


Fig. 1: Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD15 Rabbit Recombinant Monoclonal Antibody (FUT4/1478R).

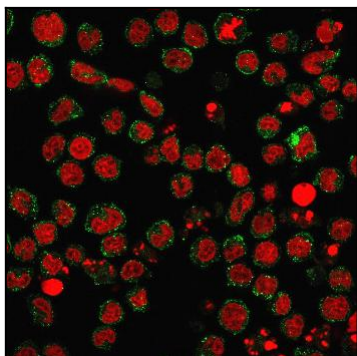


Fig. 2: Immunofluorescence staining of U937 cells using CD15 Rabbit Recombinant Monoclonal Antibody (FUT4/1478R) followed by goat anti-Mouse IgG conjugated to CF488 (green). Nuclei are stained with Reddot.

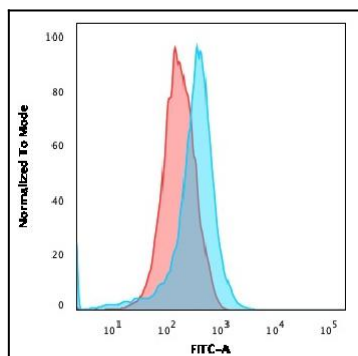


Fig. 3: Flow Cytometric Analysis of U937 cells using CD15 Rabbit Recombinant Monoclonal Antibody (FUT4/1478R) followed by goat anti-rabbit IgG-CF488 (Blue); Isotype Control (Red).