ARG66230
anti-CD15 antibody [MMA]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [MMA] recognizes CD15
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P
Specificity	This antibody reacts with CD15, a cell membrane molecule 3-fucosyl-N-acetyllactosamine (3-FAL) strongly expressed on granulocytes, monocytes, macrophages, mast cells; it is also present on Langerhans cells and some myeloid precursors cells. This antibody is a superior reagent for identifying of Hodgkin's lymphoma.
Host	Mouse
Clonality	Monoclonal
Clone	MMA
Isotype	IgM
Target Name	CD15
Species	Human
Immunogen	U937 histiocytic lymphoma cells.
Conjugation	Un-conjugated
Alternate Names	LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV; Alpha-(1,3)-fucosyltransferase 4; EC 2.4.1.-; ELAM-1 ligand fucosyltransferase; Fucosyltransferase 4; Fucosyltransferase IV; Fuc-TIV; FucT-IV; Galactoside 3-L-fucosyltransferase

Application Instructions

Application table

Application	Dilution
FACS	1 - 4 µg/ml
ICC/IF	Assay-dependent
IHC-P	10 µg/ml

Application Note: IHC-P: Antigen retrieval: Heat mediated.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

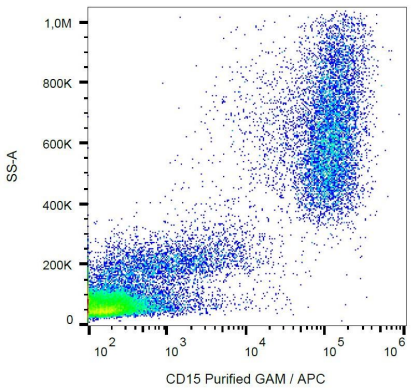
Form	Liquid
Purification	Purified by precipitation and chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide.

Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

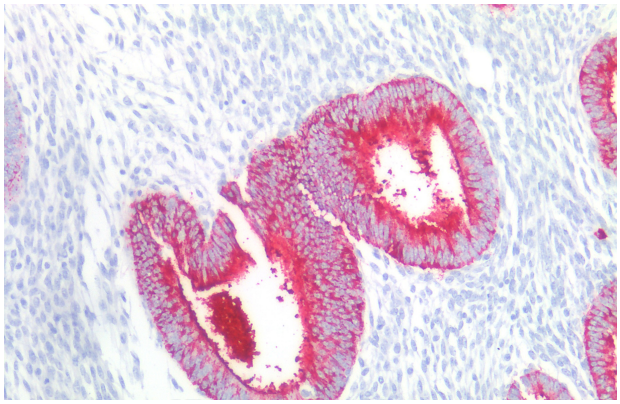
Gene Symbol	FUT4
Gene Full Name	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)
Background	The product of this gene transfers fucose to N-acetyllactosamine polysaccharides to generate fucosylated carbohydrate structures. It catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15). [provided by RefSeq, Jan 2009]
Function	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens. [UniProt]
Highlight	Related products: CD15 antibodies; CD15 ELISA Kits; CD15 Duos / Panels; Anti-Mouse IgM secondary antibodies; Related news: Lymphoma
Calculated Mw	59 kDa

Images



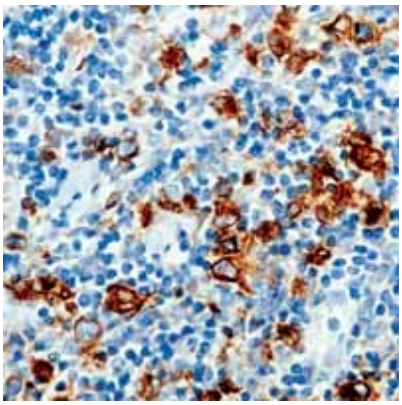
ARG66230 anti-CD15 antibody [MMA] FACS image

Flow Cytometry: Human peripheral blood stained with ARG66230 anti-CD15 antibody [MMA].



ARG66230 anti-CD15 antibody [MMA] IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue stained with ARG66230 anti-CD15 antibody [MMA] at 10 µg/ml dilution.



ARG66230 anti-CD15 antibody [MMA] IHC-P image

Immunohistochemistry: Formalin / PFA-fixed and paraffin-embedded human Hodgkins lymphoma stained with ARG66230 anti-CD15 antibody [MMA].