



Monoclonal Anti-human CD303

1/ DESCRIPTION:

CLECSF11/ CLECSF7/ DLEC/ BDCA-2/ CD303

CD303 is a calcium dependent type II lectin also known as Blood-Dendritic-Cell-Antigen-2 specifically expressed by human plasmacytoid dendritic cells (pDC). CD303 is a 25 kDa type II membrane glycoprotein with a single carbohydrate recognition domain (CRD) predicting mannose-type specificity. Protein expression is restricted to the immature plasmacytoid dendritic cells subset. CD303 is involved in ligand internalization, processing and presentation, as well as in inhibition of IFN- α/β synthesis.

Clone:124B3.13

Species:mouse

Isotype: IgG1

Immunogen: human recombinant BDCA-2 like protein

Species cross-reactivity: rat, mouse

Specificity: human CD303

2/ STABILITY-CONSERVATION :

Aliquot storage conditions: -20°C. KEEP CONTENTS STERILE: no preservative.

Purified antibodies: avoid repeated freeze/thaw cycles

Coupled antibodies: glycerol protects from freezing.

Stable one year upon receipt

3/ AVAILABLE FORMATS:

Reference N°	Format	Application tested
100µg		
DDX0043P-100	Purified	Bouin paraffin, Formol paraffin, IHC
DDX0043A488-100	Alexa-fluor®488	Intra Flow cytometry, IF
DDX0043A546-100	Alexa- fluor®546	IF
DDX0043A647-100	Alexa- fluor®647	Intra Flow cytometry
DDX0043B-100	Biotin (<i>on request</i>)	IHC, Flow cytometry

4/ USAGE RECOMMENDATION

This antibody may be used between 5-20 µg/ml.

Optimal dilution should be determined by each laboratory for each application.

Coupled antibody: to maintain room temperature before use

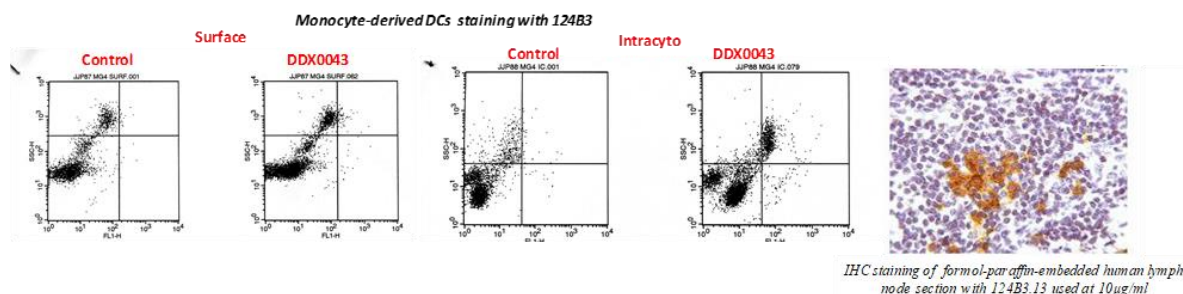
RUO : research use only

5/ MATERIALS AND METHODS

Purification: QMA Hyper D ion exchange chromatography

Purified in Tris-NaCl pH8 and adjusted at 0.5mg/ml in PBS+ antibiotics

Coupled:0.5mg/ml in PBS 50%glycerol+ antibiotics



6/ BIBLIOGRAPHY :

Décision site web ou pas en attente