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DDX0361P-100 DDX0361A488-100 DDX0361A546-100 DDX0361A647-100 DDX0361B-100

Réf:

Monoclonal Anti-mouse Langerin/CD207

1/ DESCRIPTION:

Langerin/CD207 is a transmembrane C-type lectin receptor (CLR) of epidermal and mucosal Langerhans cells (LCs) that induces Birbeck's granule formation. Langerin features a single carbohydrate recognition domain (CRD) with mannose-type specificity in its extracellular portion. Langerin is unique among the CLRs in that it contains an intracellular domain with a proline-rich motif. Langerin expression has not been reported outside the DC system.

Clone: 310F7.02 Immunogen: mouse Langerin-transfected eukaryotic cells

Species:mouse Species cross-reactivity: rat, human, swine Isotype: IgG1 Specificity mouse Langerin (intracellular epitope)

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
100 µg		
DDX0361P-100	Purified	Paraffin (Bouin) in human section, IHC,ELISA
DDX0361A488-100	Alexa-fluor® 488	Intracellular Flow cytometry, IF
DDX0361A546-100	Alexa- fluor® 546	IF
DDX0361A647-100	Alexa- fluor® 647	Flow cytometry
DDX0361B-100	Biotin (on request)	IHC, ELISA, 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

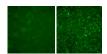
RUO: research use only

5/ MATERIALS AND METHODS

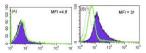
Purification: QMA Hyper D ion exchange chromatography

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

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



IF 310F7.02 staining of CHO cells transfected (right) or not (left) with **mouse** Langerin



FACS staining with 310F7.02 of cells derived from overnight culture of **porcine** skin biopsies permeabilized (B) or not (A).



IHC staining of **human** skin paraffin section with





Porcine skin cryosections were stained with 310F7.02 A:16X; B:40X; e: epidermis; d: dermis

6/ BIBLIOGRAPHY:

http://www.dendritics.net/products/detail/ddx0361-310f7.02

