

Product datasheet for **DDX0373P-100**

Cd207 Rat Monoclonal Antibody [Clone ID: 923B7]

Product data:

Product Type: Primary Antibodies
Clone Name: 923B7
Applications: FC, IHC
Recommended Dilution: **DDX0373P-50 / DDX0373P-100 Purified:** IHC, Flow cytometry.
DDX0373A488-50 / DDX0373A488-100 Alexa-fluor®488: IF surface Flow cytometry.
DDX0373A546-50 / DDX0373A546-100 Alexa-fluor®546: IF.
DDX0373A647-50 / DDX0373A647-100 Alexa-fluor®647: Flow cytometry.
DDX0373B-50 / DDX0373B-100 Biotin: Flow cytometry.

Usage recommendation:

*This monoclonal antibody may be used between 5-20 µg/ml.
*Optimal dilution should be determined by each laboratory for each application.
*Coupled antibody: to maintain RT before using.

Reactivity: Human, Mouse, Rat
Host: Rat
Isotype: IgG2a
Clonality: Monoclonal
Immunogen: Human Langerin-transfected eukaryotic cells.
Specificity: Human Langerin (extracellular epitope).
Species cross-reactivity: Rat, Mouse.
Formulation: **Purified:** 100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8.
Coupled: 100 µg in 200µl / 50 µg in 100 µl PBS 50% glycerol.
State: Purified
Concentration: lot specific
Purification: Hyper-D ion exchange chromatography
Storage: **-20°C. KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.
Gene Name: CD207 antigen



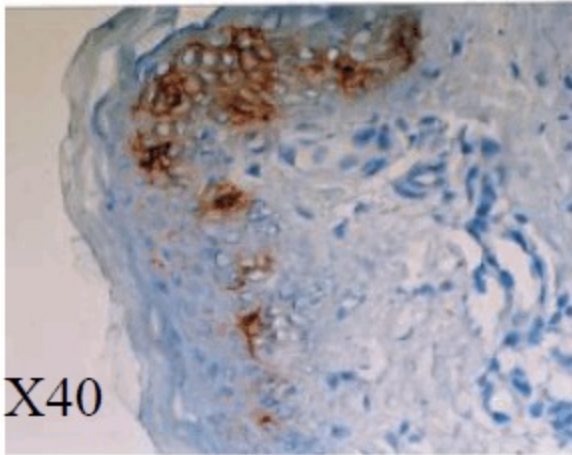
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Database Link: [Entrez Gene 246278 Mouse](#)

Background: 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. (Valladeau J et al, 2002 *J Immunol*, 168 : 782-792) (Douillard P et al, 2005 *J Invest Dermatol*, 125: 983-994).

Synonyms: CLEC4K, Dendritic Cell Marker

Product images:



IHC on human skin cryosections with 923B7-HRP