

Product datasheet for **DDX0377P-100**

Cd207 Mouse Monoclonal Antibody [Clone ID: 817G7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	817G7
Applications:	FC, FN
Recommend Dilution:	Surface Flow cytometry, HIV-gp120 binding studies (blocks HIV-gp120).

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 use.

Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Langerin-transfected eukaryotic cells.
Specificity:	Human Langerin (extracellular epitope). Species cross-reactivity: nd.
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:	0.5 mg/ml
Purification:	QMA Hyper D ion exchange chromatography
Gene Name:	CD207 antigen
Background:	Langerin/CD207 is a transmembrane C-type lectin receptor (CLR) of epidermal and mucosal Langerhans cells (LCs) that induces Birbeck 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).



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Synonyms: CLEC4K, Dendritic Cell Marker

Product images:

