

Langerin

IN VITRO DIAGNOSTIC DATASHEET

INTENDED USE : IN VITRO DIAGNOSTIC USE

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

DESCRIPTION : Langerhans cells (LCs) are a subset of immature dendritic cells (DCs) that specifically localize in the epidermis and other mucosal epithelia. Epidermal LCs possess a strong immunostimulatory capacity and play a central role in initiating and regulating immune responses. Langerin (CD207) is a Ca²⁺-dependent, C-type lectin domain containing type II transmembrane protein that induces epidermal LCs to differentiate into Birbeck granules (BG).

CATALOG NO : PL2026

PL2026-R7 7 ML RTU 70 TEST

PL2026-R1 1 ML RTU 10 TEST

STAINING PATTERN : Cell Surface and cytoplasmic

PL2026-1 1 ML 1/100 1000 TEST

PL2026-0,1 0,1 ML 1/100 100 TEST

POSITIVE CONTROL : skin/Langerhans cell histiocytosis

VOLUME : 7 ml Ready to Use (7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.)

HOST : Rabbit

CLONE : ZR170

ANTIBODY CONCENTRATION : 200ug / ml

SPECIES REACTIVITY : Human. Others-not known.

MICROBIOLOGICAL STATE : This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

PRIMARY ANTIBODY INCUBATION TIME : 30 minutes at Room Temperature

STAINING TIPS : If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

STORAGE AND STABILITY : This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

TROUBLESHOOTING : Please contact Patolab Technical Support by e-mail (patolab@patolab.com.tr).