

Anti-Langerin [2G3] Standard Size Ab00642-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Lambda

Clone Number: 2G3

Alternative Name(s) of Target: CD207; C-type lectin domain family 4 member K; CLC4K

UniProt Accession Number of Target Protein: Q9UJ71

Published Application(s): FC, IHC-Fr

Published Species Reactivity: Human

Immunogen: Human Langerin ectodomain fused to human IgFc

Specificity: This antibody binds to the ectodomain of Langerin (CD207).

Application Notes: This antibody can be used to identify Langerin-positive dendritic cells. This antibody has also been used to specifically target vaccine-peptides to dendritic cells.

Antibody First Published in: Igyártó et al. Skin-resident murine dendritic cell subsets promote distinct and opposing antigen-specific T helper cell responses. *Immunity*. 2011 Aug 26;35(2):260-72.

[PMID:21782478](#)

Note on publication: Describes the generation of the antibody and use in identifying Langerin-positive cells.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.