

Anti-Langerin [4C7] Bulk Size Ab00643-2.0-BT

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: 4C7

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: Pig, Human, Cynomolgus Monkey, Mouse

Immunogen: 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: Flamar et al. Noncovalent assembly of anti-dendritic cell antibodies and antigens for evoking immune responses in vitro and in vivo. J Immunol. 2012 Sep 1;189(5):2645-55.

[PMID:22865916](#)

Note on publication: Describes the use of 4C7 in targeting vaccine antigens to dendritic cells.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.