

## Anti-Langerin [4C7] Bulk Size Ab00643-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, 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.