

## Anti-CD205 [DEC-205] Standard Size Ab00962-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, Fc Silent™, Kappa

**Clone Number:** DEC-205

**Alternative Name(s) of Target:** Ly-75; DEC205; DEC-205; Lymphocyte antigen 75; Ly-75; scFv DEC-205

**UniProt Accession Number of Target Protein:** Q60767

**Published Application(s):** vaccination

**Published Species Reactivity:** Mouse

**Immunogen:** This scFv was raised against the DEC-205 receptor.

**Specificity:** This scFv is specific for DEC-205, an endocytic receptor of dendritic cells.

**Application Notes:** This scFv, when fused to domain III of the Dengue virus envelope protein, is under investigation as a potential Dengue virus vaccine; fusion to the scFv targets the antigen to dendritic cells, inducing potent T cell and humoral immune responses to Dengue virus in mice (Coconi-Linares et al, 2013).

**Antibody First Published in:** Coconi-Linares et al. Targeting of envelope domain III protein of DENV type 2 to DEC-205 receptor elicits neutralizing antibodies in mice. Vaccine. 2013 May 1;31(19):2366-71.

[PMID:23499580](#)

**Note on publication:** Describes the use of this scFv to deliver a Dengue virus antigen to dendritic cells, eliciting a potent immune response.

## 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.