

Anti-SIRP- beta & gamma [OX117] Standard Size Ab00437-1.4

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

Isotype and Format: Mouse IgG1, [Fc Silent™](#), Kappa

Clone Number: OX117

Alternative Name(s) of Target: CD172b/g; Human Signal Regulatory Protein gamma; Human Signal Regulatory Protein beta

UniProt Accession Number of Target Protein: Q9P1W8

Published Application(s): IP, ELISA, FC

Published Species Reactivity: Human

Immunogen: Recombinant human SIRPy:CD4 fusion protein.

Specificity: This antibody binds to human SIRP-beta and gamma.

Application Notes: This antibody binds to human Signal-regulatory protein gamma, an immunoglobulin-like cell surface receptor binding CD47. It mediates cell-cell adhesion and enhances T-cell activation.

Antibody First Published in: Brooke et al. Human lymphocytes interact directly with CD47 through a novel member of the signal regulatory protein (SIRP) family. Journal of Immunology 2004; 173(4):2562-2570 [PMID:15294972](#)

Note on publication: Describes the identification of a new member of the SIRP-family and its interaction with CD47 as well as the generation of a monoclonal antibody against it.

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.