

Anti-Rat antibody kappa light chains [OX-12] Standard Size Ab00581-8.4

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

This chimeric rat 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: Rat IgG2b, Fc Silent™, Kappa

Clone Number: OX-12

Alternative Name(s) of Target: kappa Lc; OX12; MRC OC-12; MRC OX12

UniProt Accession Number of Target Protein:

Published Application(s): IP, RIA, WB, ELISA, FC, IF, IHC

Published Species Reactivity: Rat

Immunogen: OX-12 was generated by immunizing BALB/c mice with purified rat F(ab')₂.

Specificity: OX-12 binds to rat antibody kappa light chains - has preference for IgKa allotype.

Application Notes: OX-12 can be used for IF, FC, ELISA, IP, RIA, WB and IHC (frozen, paraffin and resin).

Antibody First Published in: Hunt & Fowler A repopulation assay for B and T lymphocyte stem cells employing radiation chimaeras. Cell Tiss Kinet 14:445-64 1981 [PMID:6973397](#)

Note on publication: Describes the use of OX-12 to label B lymphocytes.

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.