

Anti-Rat antibody kappa light chains [OX-12] Standard Size Ab00581-8.1

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, 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.