

Anti-ICOSL [HK5.3] Standard Size Ab00882-2.0

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

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: HK5.3

Alternative Name(s) of Target: B7RP-1; B7-related protein 1; ICOS ligand; CD275; LICOS; B7h

UniProt Accession Number of Target Protein: Q9JHJ8

Published Application(s): Block, FC

Published Species Reactivity: Mouse

Immunogen: This antibody was raised by immunizing SD rat with mouse B7h-transfected L cells and fusing immune splenocytes with P3U1 myeloma cells and screened for binding to mouse B7h-transfected NRK cells.

Specificity: This antibody specifically binds to mouse ICOSL and competes with binding of ICOS.

Application Notes: This antibody has been used to detect murine ICOSL by flow cytometry. It is able to block ICOSL interacting with ICOSL and inhibit T-cell proliferation in a collagen type II (CII)-induced arthritis model.

Antibody First Published in: Iwai et al. Amelioration of collagen-induced arthritis by blockade of inducible costimulator-B7 homologous protein costimulation. J Immunol. 2002 Oct 15;169(8):4332-9
[PMID:12370365](#)

Note on publication: Describes the generation and initial characterisation of this antibody.

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.