

## Anti-ICOSL [HK5.3] Bulk Size Ab00882-2.3-BT

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 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, [Fc Silent™](#), 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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.