

ICOSL recombinant antibody

Anti-ICOSL [HK5.3]

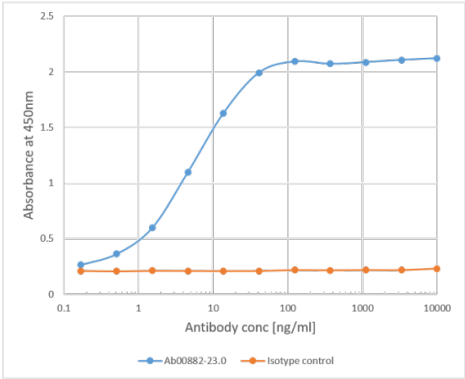
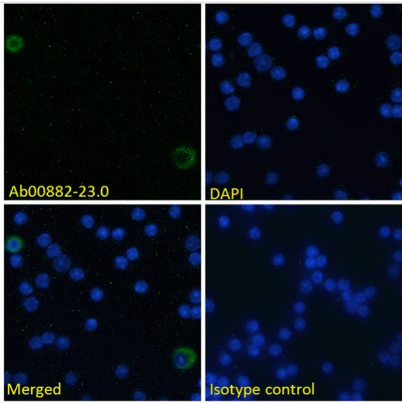
CATALOG # AAA72011	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
------------------------------	----------------------------	---

PRODUCT SYNONYMS

ICOSL; Monoclonal Recombinant Antibody; Anti-ICOSL [HK5.3]; B7RP-1; B7-related protein 1; ICOS ligand; CD275; LICOS; B7h; ICOSL recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG, Kappa
Clone Number	HK5.3
Specificity	This antibody specifically binds to mouse ICOSL and competes with binding of ICOS.
Purity/Purification	Protein A Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	322
Applicable Applications for ICOSL recombinant antibody	Blocking, FCM/FACS (Flow Cytometry)
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.
Buffer Composition	PBS only with 0.02% Proclin 300.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Labeled Substance	None
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



ELISA
Binding curve of anti-ICOSL antibody HK5.3 to mouse ICOSL-Fc fusion protein ELISA Plate coated with ICOSL-Fc fusion protein (Pr00157-1.9) at a concentration of 5 ug/ml. A 3-fold serial dilution from 10,000 to 0.1 ng/ml was performed using a 1:4000 dilution of HRP-labelled goat anti-rabbit antibody (Bio-Rad) was used.

IF (Immunofluorescence)
Immunofluorescence staining of fixed mouse splenocytes with anti-ICOSL (inducible T-cell costimulator ligand) antibody HK5.3 Immunofluorescence analysis of paraformaldehyde fixed mouse (*Mus musculus*) splenocytes on Shi-fix coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of HK5.3 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing weak membrane staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for ICOSL recombinant antibody	Recombinant monoclonal antibody to ICOSL. Manufactured using a proprietary Recombinant Platform with variable regions (i.e. specificity) from the hybridoma HK5.3. 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.
Product Categories/Family for ICOSL recombinant antibody	Costimulation; Invivo; Immunooncology; Vivopure
References	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657220
NCBI GeneID	50723
NCBI Accession #	NP_056605.1
NCBI GenBank Nucleotide #	NM_015790.3
UniProt Accession #	Q9JHJ8
Molecular Weight	38,914 Da
NCBI Official Full Name	ICOS ligand
NCBI Official Synonym Full Names	icos ligand
NCBI Official Symbol	Icosl
NCBI Official Synonym Symbols	B7h; GI50; GL50; B7-H2; LICOS; B7RP-1; GL50-B; ICOS-L; Icoslg; Ly115l; AU044799; BG071784; mKIAA0653
NCBI Protein Information	ICOS ligand
UniProt Protein Name	ICOS ligand
UniProt Gene Name	Icoslg

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/icosl-recombinant-antibody-clone-hk5-3-flow-cytometry-elisa/72011>