Anti-B7-H3 [MJ18] Bulk Size Ab00884-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa
Clone Number: MJ18
Alternative Name(s) of Target: CD276; B7H3
UniProt Accession Number of Target Protein: Q8VE98
Published Application(s): Block, FC
Published Species Reactivity: Mouse
Immunogen: This antibody was generated by immunizing Sprague Dawley rats with B7-H3-Ig, consisting of the extracellular domain (aa1–242 of mouse B7-H3) linked to the Fc portion of mouse IgG2a, emulsified in CFA (Difco). The antibody was selected by its reactivity to mouse B7-H3-transfected cells, but not to parental cells by flow cytometry.
Specificity: This antibody binds to mouse B7-H3 and does not react with other B7-family molecules.
Application Notes: This antibody has been used to detect murine B7-H3 by flow cytometry. It blocks B7-H3 signalling and can supress priming of Th2-responses and thereby the development of asthmatic responses in an ovalbumin-induced asthma model in BALB/c mice.
Antibody First Published in: Nagashima et al. B7-H3 contributes to the development of pathogenic Th2 cells in a murine model of asthma. J Immunol. 2008 Sep 15;181(6):4062-71 PMID:18768862
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 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

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Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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