

Anti-B7-H4 [#36-1] Bulk Size Ab02670-23.0-BT

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

Isotype and Format: Rabbit IgG, Kappa

Clone Number: #36-1

Alternative Name(s) of Target: B7H4; B7 homolog 4; B7h.5; O8E; Immune costimulatory protein B7-H4; B7S1; Protein B7S1; B7x; T-cell costimulatory molecule B7x; VTCN1

UniProt Accession Number of Target Protein: Q7Z7D3

Published Application(s): ELISA, FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with recombinant human B7-H4 as immunogen.

Specificity: This antibody binds human B7-H4, which inhibits T cell proliferation and causes secretion of IL-2. It is overexpressed in breast, ovarian, endometrial, renal cell (RCC) and non-small-cell lung cancers (NSCLC).

Application Notes: The binding specificity of this antibody towards B7-H4 was determined using ELISA. This antibody was used to screen B7-H4 positive human breast adenocarcinoma cell lines SKBR-3 using flow cytometry (US20180118831; Epstein Alan, 2013- B7-H4 as a Target for Breast Cancer Immunotherapy)

Antibody First Published in: Epstein et al. Car t-cells for the treatment of b7-h4 expressing solid tumors. US20180118831 [PMID:](#)

Note on publication:

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.