

Anti-24P4C12 proteins [Ha5-1(5)2.1] Bulk Size Ab04095-11.0-BT

Isotype and Format: Human IgG2, Kappa

Clone Number: Ha5-1(5)2.1

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing of human $\gamma 2$ producing XenoMice with RAT(E)-24P4C12 cells.

Specificity: This antibody specifically binds to recombinant 24P4C12 expressing cells (PC3-24P4C12) and multiple cancer cell lines expressing 24P4C12.

Application Notes: This antibody was capable of binding cells expressing 24P4C12 proteins on their surface in a flow cytometric assay. This antibody can be used in the development of an antibody-drug conjugate for targeted delivery of toxins to cancerous cells. The cytotoxicity of Ha5-1(5)2.1-vcMMAE antibody-drug conjugates was evaluated in PC3 cells engineered to express 24P4C12 and it was reported that it can selectively deliver a cytotoxic drug to 24P4C12 expressing cells leading to their killing. Ha5-1(5)2.1vcMMAE also inhibited the growth of subcutaneous and orthotopically established human androgen-independent prostate cancer xenograft in SCID mice (US8309093).

Antibody First Published in: [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.