

Anti-paclitaxel [1C2] Bulk Size Ab01156-1.1-BT

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 1C2

Alternative Name(s) of Target: PT; PTX; Taxol; 7-Xylosylpaclitaxel; Taxol-7-xyloside; 7-xylosyltaxol

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity:

Immunogen: This antibody was raised by immunising BALB/c mice with a solution of 7-xylosyltaxol conjugated to the carrier protein bovine serum albumin (XylTax-BSA). 7-xylosyltaxol is a taxol (paclitaxel) derivative, which binds to tubulin and inhibits microtubule dis

Specificity: This antibody is specific for paclitaxel, an anti-neoplastic agent derived from the Pacific yew.

Application Notes: The reactivity of this antibody for free and immobilised paclitaxel has been confirmed in ELISA analysis (Yusakul et al, 2018).

Antibody First Published in: Yusakul et al. Different expression systems resulted in varied binding properties of anti-paclitaxel single-chain variable fragment antibody clone 1C2 J Nat Med (2018) 72:310-316 [PMID:29027080](#)

Note on publication: Describes the original generation of this antibody, and the derivation of an scFv with the same binding specificity.

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.