

Anti-Mesothelin [11-25] Bulk Size Ab02080-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 11-25

Alternative Name(s) of Target: MSLN; CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor

UniProt Accession Number of Target Protein: Q13421

Published Application(s): IP, ELISA, FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by intraperitoneally immunizing BALB/c mice with the purified recombinant mesothelin protein.

Specificity: This antibody binds the human mesothelin protein which is highly expressed in many human cancers, including the majority of pancreatic adenocarcinomas, ovarian cancers, and mesotheliomas.

Application Notes: This antibody is recommended to be used in combination with mAb IC14-30 for detecting mesothelin with high sensitivity in a capture ELISA. This antibody can also immunoprecipitate recombinant mesothelin. NCI-H226 and NCI-H520 were incubated with anti-MSLN antibodies (11—25) or an isotype-matched control antibody and followed by PE-conjugate anti mouse IgG. Antigen expression was detected by flow cytometry (PMID: 18394747). 64Cu labelled 11-25 was used in vitro cell binding assay and in vivo positron emission tomography (PET) imaging in the tumor-bearing mice (PMID: 25883990).

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.