

Anti-GA733-2 [FU-MK-1] Standard Size Ab00515-10.0

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

Isotype and Format: Human IgG1, Kappa

Clone Number: FU-MK-1

Alternative Name(s) of Target: GA7332 TA; Tumour-associated antigen GA733-2

UniProt Accession Number of Target Protein:

Published Application(s): IB, ICC, WB, ELISA, IHC

Published Species Reactivity: n/a

Immunogen: Cancerous ascites derived from a poorly differentiated adenocarcinoma of the stomach.

Specificity:

Application Notes: The antibody binds specifically to GA733-2, a tumour-associated transmembrane antigen expressed on adenocarcinomas of the colon, stomach, esophagus, breast and lung. The monoclonal antibody FU-MK-1 binds to cholangiocarcinomas, a tumour composed of mutated epithelial cells which originates in the bile ducts, but does not recognize hepatocellular carcinomas. Due to its specificity, the monoclonal antibody can be used as an antigenic marker in histopathological examination of tissues.

Antibody First Published in: Watanabe R, Johzaki H, Iwasaki H, Kikuchi M, Ikeda S. A new tumor-associated antigen defined by a monoclonal antibody directed to gastric adenocarcinoma. *Cancer*. 1993 Apr 15;71(8):2439-47. [PMID:7680948](#)

Note on publication: Describes the generation of a monoclonal antibody that recognises the tumour-associated antigen GA733-2 , and can be used as an antigenic marker for gastric adenocarcinoma.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.