

Product Information

Recombinant Anti-Human MUC16 Antibody Fab Fragment

Cat. No.: **MOM-18114-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human CA 125, expressed in E. coli

Antigen Description

CA 125 (cancer antigen 125) is a tumour marker or biomarker that may be elevated in the blood of some people with specific types of cancers. CA 125 is a mucinous glycoprotein and the product of the MUC16 gene. It is best known as a marker for ovarian cancer, but it may also be elevated in other malignant cancers.

Specific Activity

Tested positive against native antigen.

Target

CA 125

Immunogen

CA-125 purified from human ovarian carcinoma.

Source

Mouse

Species Reactivity

Human

Type

Fab Fragment based on Mouse IgG1 - kappa

Expression Host

E. coli

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[MUC16 mucin 16, cell surface associated \[Homo sapiens \]](#)

Official Symbol

MUC16

Synonyms

MUC16; mucin 16, cell surface associated; mucin-16; CA125; FLJ14303; CA-125; MUC-16; CA125 ovarian cancer antigen; ovarian carcinoma antigen CA125; ovarian cancer-related tumor marker CA125;

Gene ID

[94025](#)

mRNA Refseq

[NM_024690](#)

Protein Refseq

[NP_078966](#)

MIM

[606154](#)

UniProt ID

Q8WXI7

Chromosome Location

19p13.2

Pathway

Metabolism of proteins, organism-specific biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Termination of O-glycan biosynthesis, organism-specific biosystem;

Function

protein binding;