

Anti-FAP [3F2] Standard Size Ab02803-10.3

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 IgG2a format for improved compatibility with existing reagents assays and techniques.

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

Clone Number: 3F2

Alternative Name(s) of Target: Seprase; Fibroblast activation protein; Prolyl endopeptidase FAP; 170 kDa melanoma membrane-bound gelatinase; Dipeptidyl peptidase FAP; FAPalpha; Fibroblast activation protein alpha; Gelatin degradation protease FAP; Integral membrane serine protease; Post-proline cleaving enzyme; Serine integral membrane protease; SIMP; Surface-expressed protease

UniProt Accession Number of Target Protein: Q12884

Published Application(s): ELISA, FC, IHC

Published Species Reactivity: Human, Cynomolgus Monkey, Mouse

Immunogen:

Specificity: This antibody can bind human, mouse and cynomolgus monkey fibroblast activation protein.

Application Notes: The original mouse antibody was used to check the expression levels of FAP on the surface of GM05389 lung fibroblasts using flow cytometry. The original mouse IgG1 version of this antibody binds human, mouse and cynomolgus monkey FAP with an avidity of 39 pM, 29 pM and 42 pM respectively. Binding of human IgG1 antibody 3F2 to human and murine FAP expressed on stably transfected HEK293 cells, human fibroblasts cell line GM05389 was measured by flow cytometry. The mouse IgG2a version of this antibody was also used for the immunohistochemical stainings of frozen tissue microarray (TMA) containing 10 invasive ductal carcinomas of the breast, 10 colorectal adenocarcinomas and 10 non-small cell lung cancers (US20200079873).

Antibody First Published in: Bacac et al. Anti-fap antibodies and methods of use. US20200079873 [PMID:](#)

Note on publication:

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.