# 抗人成纤维细胞活化蛋白α/FAP参考抗体

Anti-Human Fibroblast activation protein alpha/FAP Reference Antibody

货号：RB9T37015222

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37015222

中文名称
抗人成纤维细胞活化蛋白α/FAP参考抗体

英文名称
Anti-Human Fibroblast activation protein alpha/FAP Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
Q12884

宿主种属
Humanized

克隆性
Monoclonal

抗体亚型
IgG1-kappa

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
2.8mg/ml

种属反应性
Human

靶标

Surface-expressed protease, Gelatine degradation protease FAP, Integral membrane serine protease, Dipeptidyl peptidase FAP, Seprase, FAP, Post-proline cleaving enzyme, APCE, SIMP, FAPalpha, 170 kDa me

背景信息

Sibrotuzumab (also known as BIBH 1) is a humanized monoclonal antibody (mAb) which has the high affinity to bind to fibroblast activation protein (FAP), which is highly expressed by stroma cells of tumors. In addition, it was intended and developed by Boehringer Ingelheim Pharma KG for the treatment of cancer. Firstly, this drug was designed to fight against various malignancies, such as colorectal, non-small cell lung, breast, as well as head and neck cancer. However, it is disappointing that in 2003 it failed a phase II clinical trial for metastatic colorectal cancer. At present, there is no relevant clinically approved information disclosure.

- The fibroblast activation protein alpha as a biomarker of pulmonary fibrosis., PMID:39364020
- Enhancement of fibrinolysis by inhibiting enzymatic cleavage of precursor α2-antiplasmin., PMID:21251197
- Antiplasmin-cleaving enzyme is a soluble form of fibroblast activation protein., PMID:16223769
- Effect of fibroblast activation protein and alpha2-antiplasmin cleaving enzyme on collagen types I, III, and IV., PMID:17174263
- Using substrate specificity of antiplasmin-cleaving enzyme for fibroblast activation protein inhibitor design., PMID:19402713
- Circulating concentrations of fibroblast activation protein α in apparently healthy individuals and patients with acute coronary syndrome as assessed by sandwich ELISA., PMID:23932048
- Increased N-terminal cleavage of alpha-2-antiplasmin in patients with liver cirrhosis., PMID:24034420

别名

BIBH1, 216669-97-5

## 储存缓冲液

0.01M PBS, pH 7.4.

## 稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.