

Anti-H_FAP hlgG1 Antibody(Simlukafusp)

Product information

GM-30156AB-10	10 µg
GM-30156AB-100	100 µg
GM-30156AB-1000	1 mg

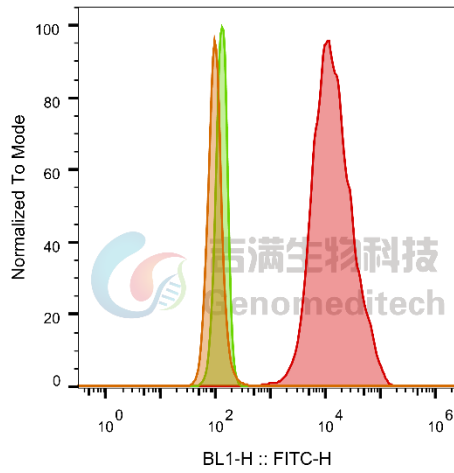
Antibody Information

Species Reactivity	Human;
Clone	Simlukafusp
Source/Isotype	Monoclonal human IgG1, κ
Application	Flow cytometry
Specificity	Detects FAP
Gene	FAP
Other Names	FAPA; SIMP; DPPIV; FAPalpha
Gene ID	2191
Background	FAP is a 760 amino acid long type II transmembrane glycoprotein. It contains a very short cytoplasmic N terminal part (6 amino acids), a transmembrane region (amino acids 7–26), and a large extracellular part with an alpha/beta-hydrolase domain and an eight-bladed beta-propeller domain. FAP is catalytically active as a 170 kD homodimer and has a dipeptidase and an endopeptidase activity. FAP expression is high in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. FAP is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

The recommended usage range is 0.5-4 µg per test. H_FAP CHO-K1 Cell Line (Catalog # GM-C19182) was stained with Anti-H_FAP hIgG1 Antibody (Catalog # GM-30156AB) or isotype control antibody, followed by anti-Human IgG FITC-conjugated Secondary Antibody.



SampleID	Geometric Mean : BL1-H
CHO-K1 anti-H_FAP+FITC-2nd Ab	102
CHO-K1 H_FAP H_IgG+FITC-2nd Ab	130
CHO-K1 H_FAP anti-H_FAP+FITC-2nd Ab	13327

Fig. FACS