


Rev04
 Update: Aug,08,2025

DATASHEET

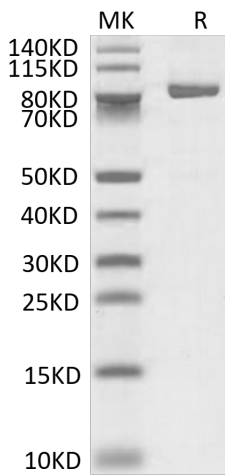
FAP[Biotin], His & Avi, Cynomolgus

Cat. No.: Z03896

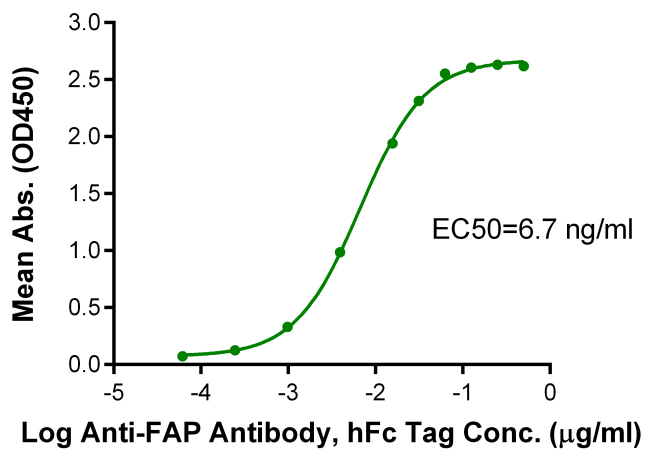
Product Introduction

Species	Cynomolgus
Protein Construction	
Conjugate	Biotin
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized FAP[Biotin], His & Avi, Cynomolgus (Cat.No.: Z03896) at 0.5 µg/ml (100µl/Well) on the streptavidin precoated plate can bind Anti-FAP Antibody, hFc Tag
Expression System	HEK293
Theoretical Molecular Weight	88 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm filtered solution in 20mM Tris, 500mM NaCl, 200mM L-arginine (pH 8.2).
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O more than 100 µg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

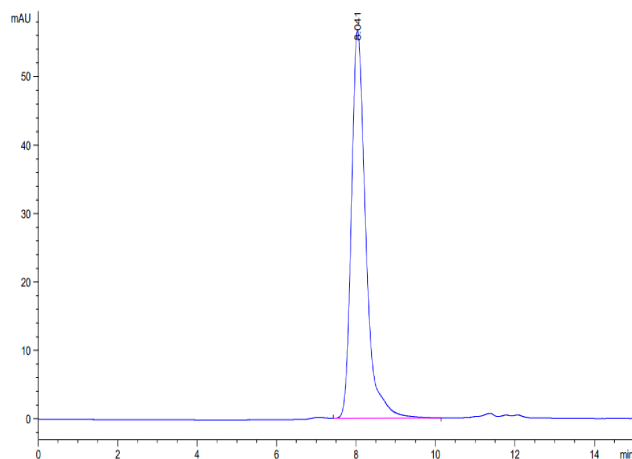
Examples



FAP[Biotin], His & Avi, Cynomolgus on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.



Immobilized FAP[Biotin], His & Avi, Cynomolgus at 0.5 µg/ml (100 µl/well) on the streptavidin precoated plate(5 µg/ml). Dose response curve for Anti-FAP Antibody, hFc Tag with the EC50 of 6.7 ng/ml determined by ELISA.



The purity of FAP[Biotin], His & Avi, Cynomolgus is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Fibroblast activation protein (FAP) is a serine protease that has been reported in fibroblasts and some carcinoma cells, which correlates with poor patient outcomes. FAP can be induced under hypoxia which is also vital in the malignant behaviors of cancer cells.

Synonyms : FAP; FAPalpha; SIMP; Seprase; APCE; DPPIV; DPPIVA; FAPA

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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