

Anti-CDCP1 hIgG1 Antibody(41-A9)

Product information

GM-88114AB-10	10 µg
GM-88114AB-100	100 µg
GM-88114AB-1000	1 mg

Antibody Information

Species Reactivity	Human; Cynomolgus
Clone	41-A9
Source/Isotype	Monoclonal Human IgG1 κ
Application	Bioactivity-ELISA
Target	Detects CDCP1
Gene	CDCP1
Other Names	CD318, SIMA135, TRASK
Gene ID	64866 (Human), 102129146 (Cynomolgus)
Background	CDCP1 (CUB Domain Containing Protein 1), also known as SP53 (or <i>OPT</i>), is a transmembrane protein belonging to the CUB-domain-containing glycoprotein family. It participates in processes such as cell migration, adhesion, and morphological changes; in some cell types, it may influence the activation of signaling pathways such as Erk and Akt. Research on its involvement in tumor initiation, progression, and metastasis is increasing, suggesting a potential role in the tumor microenvironment. Some studies indicate that CDCP1 overexpression, deglycosylation, or exposure of its extracellular domain may promote tumor cell adhesion and migration.
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 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Bioactivity-ELISA

Human CDCP1 Protein; His Tag (Catalog # GM-88170RP) was immobilized at 2 µg/ml (100 µL/well) on Anti-His mIgG2a Antibody (Catalog # GM-59493AB) (0.6 µg/well) precoated. Increasing concentrations of Anti-CDCP1 hIgG1 Antibody(41-A9) (Catalog # GM-88114AB) were added.

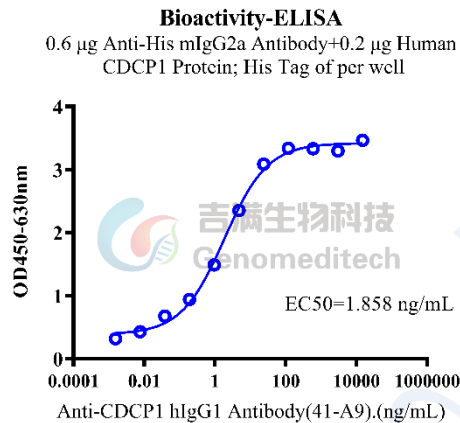


Fig. Assay

Bioactivity-ELISA

Cynomolgus CDCP1 Protein; His Tag (Catalog # GM-88173RP) was immobilized at 6 µg/ml (100 µL/well) on Anti-His mIgG2a Antibody (Catalog # GM-59493AB) (0.6 µg/well) precoated. Increasing concentrations of Anti-CDCP1 hIgG1 Antibody(41-A9) (Catalog # GM-88114AB) were added.

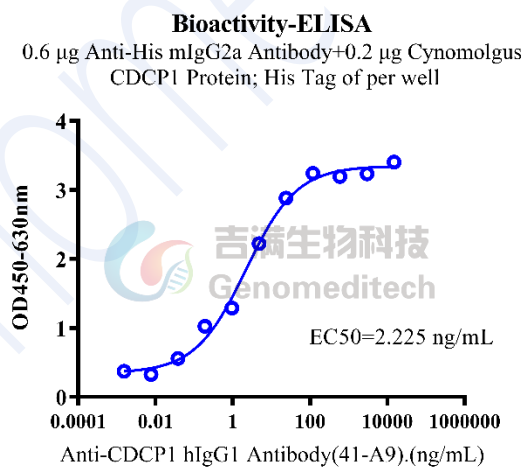


Fig. Assay