Human FOLR1 Antibody Pair Set

Catalog No. E-KAB-0427 **Applications** ELISA

Synonyms FBP;FOLR;FR-alpha;Folate receptor alpha;MOv18;Adult folate-binding protein;KB cells FBP;Ovarian tumor-associated antigen MOv18

Kit components & Storage

Title	Specifications	Storage
Human FOLR1 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human FOLR1 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0427)	
		Human FOLR1 Capture Antibody	Human FOLR1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human FOLR1 protien	Recombinant Human FOLR1 protien
	Swissprot	P15328	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human FOLR1 in ELISAs.	

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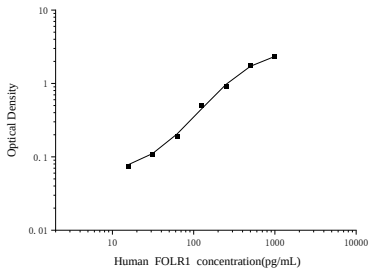
Applications

Human FOLR1 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human FOLR1 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human FOLR1 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Folate receptor 1 (FOLR1) ;also known as folate receptor alpha or adult folate-binding protein (FBP) ;is a 38-kDa glycoprotein belonging to the folate receptor family . The receptor binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells. FOLR1 is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. FOLR1 expression is often limited to the apical surfaces of epithelium in the lung;kidney and choroid plexus but is differentially overexpressed in a variety of solid tumors such as ovarian cancer;non-small cell lung cancer;breast cancer;kidney cancer and high-grade osteosarcoma .

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