Mouse POSTN/OSF-2 Antibody Pair Set

Catalog No. E-KAB-0334 **Applications** ELISA
Synonyms OSF2, PDLPOSTN, PN, RP11-412K4.1, Osteoblast Specific Factor 2

Kit components & Storage

Title	Specifications	Storage
Mouse POSTN/OSF-2 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse POSTN/OSF-2 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-0334)	
		Mouse POSTN/OSF-2 Capture Antibody	Mouse POSTN/OSF-2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse POSTN/OSF-2 protein	Recombinant Mouse POSTN/OSF-2 protein
	Swissprot	Q62009	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A or G	Antigen Affinity
	Specificity	Detects Mouse POSTN/OSF-2 in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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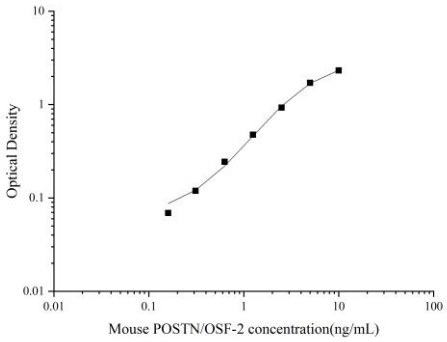
Applications

Mouse POSTN/OSF-2 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Mouse POSTN/OSF-2 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse POSTN/OSF-2 Detection Antibody (Biotin)	

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

Background

Periostin (POSTN,PN),originally named as osteoblast-specific factor 2 (OSF-2),is a 90-kDa secreted protein which is now classified as a matricellular protein. It is present in a wide variety of normal adult tissues and fetal tissues,and has a role in bone,tooth and heart development and function. Studies show that periostin is overexpressed in a broad range of human cancer types,includidng lung,ovary,breast and colon cancers. Recent evidence reveals that periostin is expressed by fibroblasts in the normal tissue and in the stroma of the primary tumour,and it is required to allow cancer stem cell maintenance.

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