

FAK (Phospho Tyr397) Rabbit mAb (AR1887)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,ELISA
Isotype:	IgG,Kappa
MW:	119kDa (Calculated) 119kDa (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage -15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity

Phospho-FAK (Y397) Antibody detects endogenous levels of FAK protein only when phosphorylated at Y397. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): DDyAE

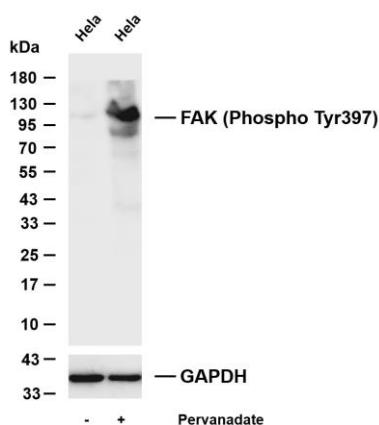
Target Information

Gene name	PTK2
Protein Name	Focal adhesion kinase 1

Organism	Gene ID	UniProt ID
Human	5747	Q05397

	Mouse	14083	P34152
	Rat	25614	O35346
Cellular Localization	Cell junction, focal adhesion. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cell cortex. Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus. Cytoplasm, cytoskeleton, cilium basal body. Constituent of focal adhesions. Detected at microtubules.		
Tissue specificity	Detected in B and T-lymphocytes. Isoform 1 and isoform 6 are detected in lung fibroblasts (at protein level). Ubiquitous. Expressed in epithelial cells (at protein level) (PubMed:31630787).		

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FAK (Phospho Tyr397) antibody. The HRP-conjugated Goat anti Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: Hela

Lane 2: Hela was treated with Pervanadate(10mM) for 1 hour

Predicted band size: 119kDa

Observed band size: 119kDa

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