OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM06120SU-N

FAK (PTK2) Mouse Monoclonal Antibody [Clone ID: 4A9D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4A9D6
Applications:	ELISA, WB
Recommended Dilution:	**Western Blot:** 1/500 - 1/2000. **ELISA:** 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of FAK expressed in E. Coli.
Specificity:	Recognizes FAK
Formulation:	State: Ascites State: Ascitic fluid Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine kinase 2
Database Link:	Entrez Gene 5747 Human Q05397

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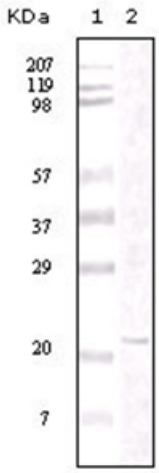
Background: Focal adhesion kinase(FAK), with 1074 -amino acid protein(about 118 kDa), is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. FAK is concentrated at the basal edge of only basal keratinocytes that are actively migrating and rapidly proliferating in repairing burn wounds, and is activated and localized to the focal adhesions of spreading keratinocytes in culture. Thus, it has been postulated that FAK may have an important in vivo role in the re-epithelialization of human wounds. FAK protein tyrosine kinase activity has also been shown to increase in cells stimulated to grow by use of mitogenic neuropeptides or neurotransmitters acting through G protein-coupled receptors.

Synonyms: FAK, Focal adhesion kinase 1, FADK1, pp125FAK, Protein-tyrosine kinase 2

Product images:



Western blot analysis using FAK antibody Cat.-No AM06120SU-N against truncated FAK recombinant protein.