



**Category:** Monoclonal Antibodies

**Product Name:** Mouse Monoclonal Antibody to FAK

**Catalog Number:** MAB-606020065

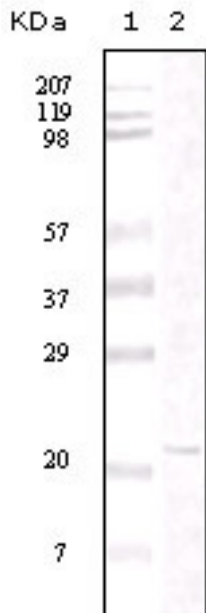


Figure 1: Western blot analysis using FAK mouse mAb against truncated FAK recombinant protein.

Lot#: 0601

Clone#: 4A9D6

Host and isotype:

Size: 0.1ml

MW:

Aliases: FAK; FADK; FAK1;

pp125FAK; PTK2

Entrez Gene: 5747

Species reactivity: Human

**Description** 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.

**Immunogen** Purified recombinant fragment of FAK expressed in E. Coli.

**Application** Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

**Formulation** Ascitic fluid containing 0.03% sodium azide.

**Storage** Store at 4iæ, for long term storage, store at -20iæ.

#### Related product

**References** 1. Madeleine Toutant, Jeanne-Marie Studler, et al. Mol. Cell. Biol., Nov 2002; 22: 7731 - 7743.

2. Danshan Huang, Anthony T. Cheung, et al. J. Biol. Chem, May 2002; 277: 18151 - 18160.

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