ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to IKBKB

Cataloge Number	sAP-0088
Target Molecule	**Name: IKBKB** **Aliases:** IKBKB **MW: N/A** **Entrez Gene ID: 3551**
Descrption	IKBKB(Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta, also called IKK2/IKKB), is a member of the IKK complex which is composed of IKK-alpha, IKK-beta, IKK-gamma and IKAP. Phosphorylation of I-Kappa-B on a serine residue by the IKK complex frees NF-kB from I-Kappa-B and marks it for degradation via ubiquination. IKK-beta has been shown to activate NF-kB and phosphorylate IKB-alpha and beta. Phosphorylation of 2 sites at the activation loop of IKK-beta is essential for activation of IKK by TNF and IL1. Once activated, IKK-beta autophosphorylates which in turn decreases IKK activity and prevents prolonged activation of the inflammatory response. Additionally, IKK-beta activity can also be regulated by MEKK-1.
Immunogen	Purified recombinant fragment of IKBKB expressed in E. Coli.
Recitative Species	Human
Clone	MM10A2C5B3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Azoitei N,et al. Biochemistry. 2005.14;44(23): 8326-36. ; 2. Kumar KA,et al. Neurosci Lett. 2003.10;340 (2): 139-42. ; 3. Peet GW,et al. J Biol Chem. 1999 Nov 12;274(46): 32655-61. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com