

Mouse Monoclonal Antibody to ETV4

Catalogue Number	sAP-0193
Target Molecule	<p>Name: ETV4</p> <p>Aliases: HGK; NIK; PEA3</p> <p>MW: 54kDa</p> <p>Entrez Gene ID: 2118</p>
Description	ETV4: ets variant gene 4 (E1A enhancer binding protein, E1AF), also known as PEA3. Several members of the Ets gene family are known to encode sequencespecific DNA binding proteins. These include mouse PU.1, mouse and human Ets-1, Drosophila E74, chicken and human Ets-2 and rat GABP- α . Each of these proteins recognizes similar motifs in DNA that share a centrally located 5'-GGAA-3' element. For instance, PEA3 binds the motif 5'-AGGAAG-3' (the PEA-3 motif), but does not bind to the sequence 5'-AGGAAC-3', recognized by PU.1, although PU.1 binds equally well to both sequences. It appears that all of the Ets proteins recognize the same central core sequence but that each protein interacts with unique sequences that flank this core. PEA3 is expressed at readily detectable levels in cells of epithelial and fibroblastic origin but
Immunogen	Purified recombinant fragment of human ETV4 (aa50-109) expressed in E. Coli.
Recitative Species	Human;
Clone	MM1A2G3;
Size and Concentration	100 μ g/1mg/ml
Supplied as	Lyophilized Powder from 100 μ l of Ascitic fluid containing 0.03% sodium azide.;
Reconstitution/Storages	Reconstituted with 100 μ l sterile DI H ₂ O, 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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Biol Chem. 2005 Apr 1;280(13):12503-16. ; 2. Mol Carcinog. 2006 Sep;45(9):667-75. ; 3. Oncol Rep. 2006 Jul;16(1):153-8. ;

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**