

## Datasheet

### PAK1 monoclonal antibody (M01), clone 1E11

**Catalog Number:** H00005058-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant PAK1.

**Clone Name:** 1E11

**Immunogen:** PAK1 (NP\_002567, 191 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

APRPEHTKSVYTRSVEIPLVTPTRDVATSPISPTENNT  
TPPDALTRNTEKQKKPKMSDEEILEKLRSIVSVGDPK  
KKYTRFEKIGQGA

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5058

**Gene Symbol:** PAK1

**Gene Alias:** MGC130000, MGC130001, PAKalpha

**Gene Summary:** PAK proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1,

PAK2, PAK3 and PAK4. These proteins serve as targets for the small GTP binding proteins Cdc42 and Rac and have been implicated in a wide range of biological activities. PAK1 regulates cell motility and morphology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]