

## Datasheet

### AKAP9 monoclonal antibody (M07), clone 7E12

**Catalog Number:** H00010142-M07

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

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant AKAP9.

**Clone Name:** 7E12

**Immunogen:** AKAP9 (NP\_671700, 3812 a.a. ~ 3911 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

EKTDSFYHSSGGLELYGEPHRTTYRSRSDLDYIRSLP  
FQNRYPGTPADFNPGSLACSQLQNYDPDRALTDYITR  
LEALQRRRLGTIQSGSTTQFHAGMRR

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, 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:** IgG2a 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:** 10142

**Gene Symbol:** AKAP9

**Gene Alias:** AKAP350, AKAP450, CG-NAP, HYPERION, KIAA0803, MU-RMS-40.16A, PRKA9, YOTIAO

**Gene Summary:** The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins which have

the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. Alternate splicing of this gene results in at least two isoforms that localize to the centrosome and the Golgi apparatus, and interact with numerous signaling proteins from multiple signal transduction pathways. These signaling proteins include type II protein kinase A, serine/threonine kinase protein kinase N, protein phosphatase 1, protein phosphatase 2a, protein kinase C-epsilon and phosphodiesterase 4D3. [provided by RefSeq]