

## Datasheet

### **GAGE1 monoclonal antibody (M04), clone 4G6**

**Catalog Number:** H00002543-M04

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

**Product Description:** Mouse monoclonal antibody raised against a full-length recombinant GAGE1.

**Clone Name:** 4G6

**Immunogen:** GAGE1 (NP\_001459.2, 1 a.a. ~ 139 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MSWRGRSTYYWPRPRRYVQPPEMIGPMRPEQFSDE  
VEPATPEEGEPATQRQDPAAQEGEGEGASAGQGPK  
PEADSQEQGHPQTGCECEDGPDGQEMDPPNPPEEVK  
TPEEEMRSHYVAQTGILWLLMNNCFLNLSPRKP

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA, WB-Re, WB-Tr  
(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:** 2543

**Gene Symbol:** GAGE1

**Gene Alias:** MGC33825

**Gene Summary:** This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of

the family members are highly related but differ by scattered nucleotide substitutions. The GAGE1 cDNA contains a 143-bp insertion, located in the coding sequence near the termination codon, that is absent from the other cDNAs. The antigenic peptide YRPRRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes. Nothing is presently known about the function of this protein. An alternatively spliced transcript variant has been found for this gene. [provided by RefSeq]