

## **EBAG9 Antibody (monoclonal) (M04)**

Mouse monoclonal antibody raised against a full-length recombinant EBAG9.

Catalog # AT1842a

### **Specification**

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#### **EBAG9 Antibody (monoclonal) (M04) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O00559</a>
Other Accession	<a href="#">BC017729</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	24377

#### **EBAG9 Antibody (monoclonal) (M04) - Additional Information**

**Gene ID** 9166

##### **Other Names**

Receptor-binding cancer antigen expressed on SiSo cells, Cancer-associated surface antigen RCAS1, Estrogen receptor-binding fragment-associated gene 9 protein, EBAG9, RCAS1

##### **Target/Specificity**

EBAG9 (AAH17729, 1 a.a. ~ 213 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

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

##### **Precautions**

EBAG9 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

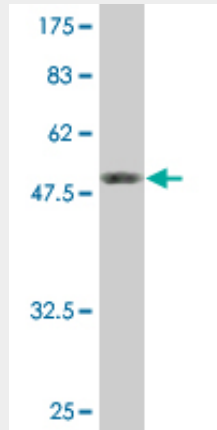
#### **EBAG9 Antibody (monoclonal) (M04) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

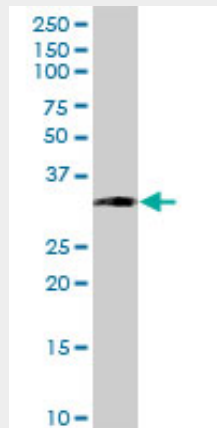
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

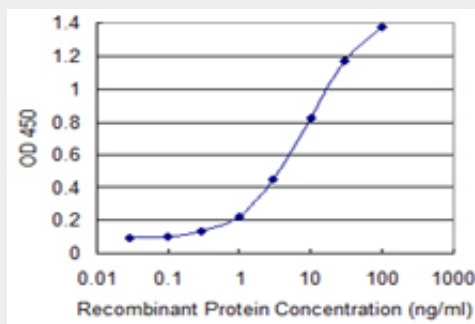
**EBAG9 Antibody (monoclonal) (M04) - Images**



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.17 KDa) .



EBAG9 monoclonal antibody (M04), clone 4A10. Western Blot analysis of EBAG9 expression in MCF-7 ( (Cat # AT1842a )



Detection limit for recombinant GST tagged EBAG9 is 0.1 ng/ml as a capture antibody.

**EBAG9 Antibody (monoclonal) (M04) - Background**

This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor which binds to the estrogen-responsive element (ERE) found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Two transcript variants differing in the 5' UTR, but encoding the same protein, have been identified for this gene.

#### **EBAG9 Antibody (monoclonal) (M04) - References**

Analysis of the expression of human tumor antigens in ovarian cancer tissues. Ali-Fehmi R, et al. *Cancer Biomark*, 2010. PMID 20164540. Receptor-binding cancer antigen expressed on SiSo cells induces apoptosis via ectodomain shedding. Sonoda K, et al. *Exp Cell Res*, 2010 Jul 1. PMID 20079734. [Evaluation of RCAS1 as serum tumor marker for pancreatic cancer] Yang YC, et al. *Zhonghua Wai Ke Za Zhi*, 2009 Jul 1. PMID 19957811. Expression of RCAS1 protein in microglia/macrophages accompanying brain tumours. An immunofluorescence study. Adamek D, et al. *Folia Neuropathol*, 2009. PMID 19813143. Diagnostic and prognostic utility of serum receptor-binding cancer antigen expressed on SiSo cells (RCAS1) levels in colon cancer patients. Giaginis C, et al. *Int J Biol Markers*, 2009 Apr-Jun. PMID 19634109.