

**EBAG9 Antibody (monoclonal) (M04)****Mouse monoclonal antibody raised against a full-length recombinant EBAG9.****Catalog # AT1842a****Specification**

---

**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.

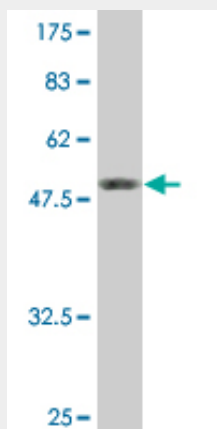
**EBAG9 Antibody (monoclonal) (M04) - Protocols**

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

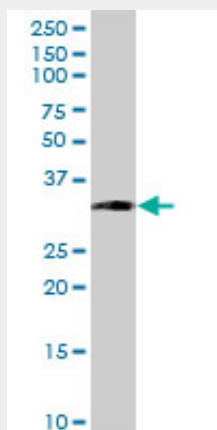
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

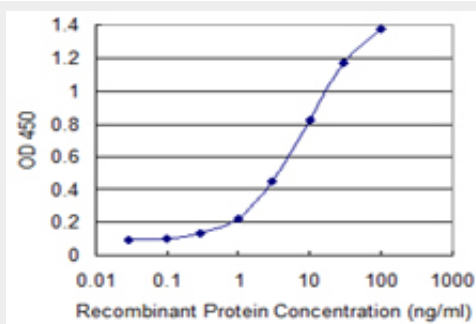
### EBAG9 Antibody (monoclonal) (M04) - Images



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.