

**EAP30 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant SNF8.****Catalog # AT1841a****Specification**

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**EAP30 Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, E                     |
| Primary Accession | <a href="#">Q96H20</a>    |
| Other Accession   | <a href="#">NM_007241</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG1 Kappa                |
| Calculated MW     | 28864                     |

**EAP30 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 11267**Other Names**

Vacuolar-sorting protein SNF8, ELL-associated protein of 30 kDa, ESCRT-II complex subunit VPS22, hVps22, SNF8, EAP30

**Target/Specificity**

SNF8 (NP\_009172, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

E~~N/A

**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**

EAP30 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

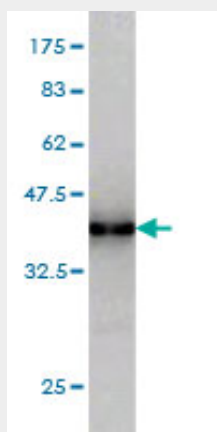
**EAP30 Antibody (monoclonal) (M01) - Protocols**

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

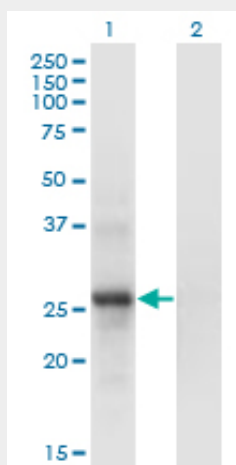
- [Western Blot](#)
- [Blocking Peptides](#)

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

#### EAP30 Antibody (monoclonal) (M01) - Images

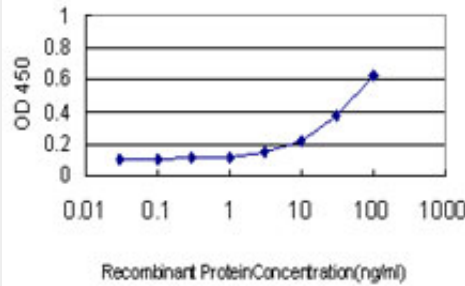


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Western Blot analysis of SNF8 expression in transfected 293T cell line by SNF8 monoclonal antibody (M01), clone 6B11.

Lane 1: SNF8 transfected lysate (Predicted MW: 28.9 kDa).  
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged SNF8 is approximately 1ng/ml as a capture antibody.

### **EAP30 Antibody (monoclonal) (M01) - Background**

SNF8, VPS25 (MIM 610907), and VPS36 (MIM 610903) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. SNF8, VPS25, and VPS36 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).

### **EAP30 Antibody (monoclonal) (M01) - References**

Vps22/EAP30 in ESCRT-II mediates endosomal sorting of growth factor and chemokine receptors destined for lysosomal degradation. Malerød L, et al. Traffic, 2007 Nov. PMID 17714434. Human ESCRT-II complex and its role in human immunodeficiency virus type 1 release. Langelier C, et al. J Virol, 2006 Oct. PMID 16973552. Degradation of endocytosed epidermal growth factor and virally ubiquitinated major histocompatibility complex class I is independent of mammalian ESCRTII. Bowers K, et al. J Biol Chem, 2006 Feb 24. PMID 16371348. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. Eap45 in mammalian ESCRT-II binds ubiquitin via a phosphoinositide-interacting GLUE domain. Slagsvold T, et al. J Biol Chem, 2005 May 20. PMID 15755741.