

**COG6 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant COG6.****Catalog # AT1579a****Specification**

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**COG6 Antibody (monoclonal) (M01) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, E                     |
| Primary Accession | <a href="#">O9Y2V7</a>    |
| Other Accession   | <a href="#">NM_020751</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG1 Kappa                |
| Calculated MW     | 73279                     |

**COG6 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 57511**Other Names**

Conserved oligomeric Golgi complex subunit 6, COG complex subunit 6, Component of oligomeric Golgi complex 6, COG6, KIAA1134

**Target/Specificity**

COG6 (NP\_065802, 558 a.a. ~ 657 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**

COG6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

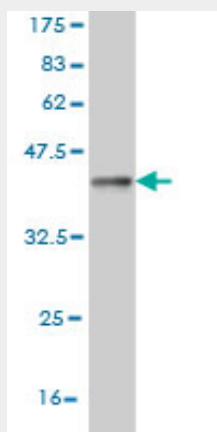
**COG6 Antibody (monoclonal) (M01) - Protocols**

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

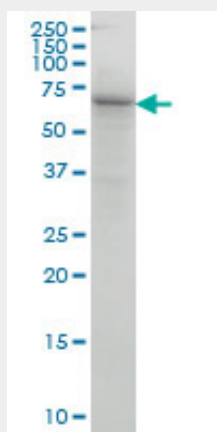
- [Western Blot](#)
- [Blocking Peptides](#)

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

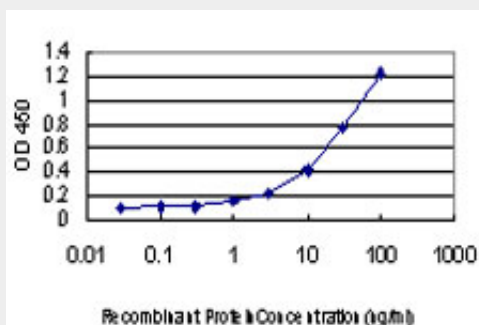
### COG6 Antibody (monoclonal) (M01) - Images



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



COG6 monoclonal antibody (M01), clone 5B5 Western Blot analysis of COG6 expression in A-431 (Cat # AT1579a )



Detection limit for recombinant GST tagged COG6 is approximately 1ng/ml as a capture antibody.

### COG6 Antibody (monoclonal) (M01) - Background

This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi apparatus. The encoded protein is organized with conserved oligomeric Golgi complex components 5, 7 and 8 into a sub-complex referred to as lobe B. Alternative splicing results in multiple transcript variants.

#### **COG6 Antibody (monoclonal) (M01) - References**

1. A genome-wide association study of psoriasis and psoriatic arthritis identifies new disease loci. Liu Y, Helms C, Liao W, Zaba LC, Duan S, Gardner J, Wise C, Miner A, Malloy MJ, Pullinger CR, Kane JP, Saccone S, Worthington J, Bruce I, Kwok PY, Menter A, Krueger J, Barton A, Saccone NL, Bowcock AM. *PLoS Genet.* 2008 Mar 28;4(3):e1000041.