

# **DNAL4** Antibody

Purified Mouse Monoclonal Antibody Catalog # AO2305a

#### **Product Information**

**Application** WB, FC, E **Primary Accession** 096015 Reactivity Human Host Mouse Monoclonal Clonality **Clone Names** 3B7B7 Isotype IgG1 12009 **Calculated MW** 

**Description** DNAL4 is a component of the dynein motor complex

Immunogen Purified recombinant fragment of human DNAL4 (AA: 1-105) expressed in E.

Coli.

**Formulation** Ascitic fluid containing 0.03% sodium azide.

### **Additional Information**

**Gene ID** 10126

Other Names Dynein light chain 4, axonemal, DNAL4

**Dilution** WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000

**Storage** Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** DNAL4 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

### **Protein Information**

Name DNAL4

**Function** Force generating protein of respiratory cilia. Produces force towards the

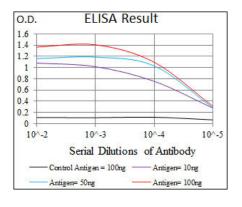
minus ends of microtubules. Dynein has ATPase activity (By similarity).

**Cellular Location** Cytoplasm, cytoskeleton, cilium axoneme

## References

1. J Neurosci. 2001 Feb 1;21(3):RC125.

## **Images**



Black line: Control Antigen (100 ng);Purple line: Antigen(10ng);Blue line: Antigen (50 ng);Red line: Antigen (100 ng);

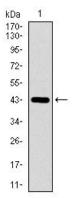


Figure 1: Western blot analysis using DNAL4 mAb against human DNAL4 recombinant protein. (Expected MW is 44.7 kDa)

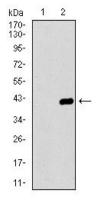


Figure 2: Western blot analysis using DNAL4 mAb against HEK293 (1) and DNAL4 (AA: 1-105)-hIgGFc transfected HEK293 (2) cell lysate.

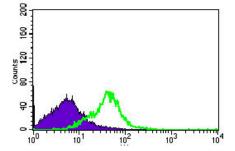


Figure 5: Flow cytometric analysis of HEK293 cells using DNAL4 mouse mAb (green) and negative control (purple).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.