10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DNAL4 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2308a

Product Information

Application	WB, IHC, FC, E
Primary Accession	O96015
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3C10A4
Isotype	IgG1
Calculated MW	12009
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 IHC~~1/200 - 1/1000 FC~~1:10~50 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

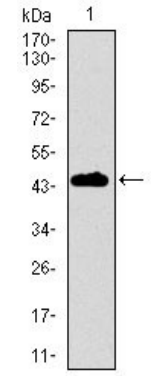


Figure 1: Western blot analysis using DNAL4 mAb against human DNAL4 recombinant protein. (Expected MW is 44.7 kDa)

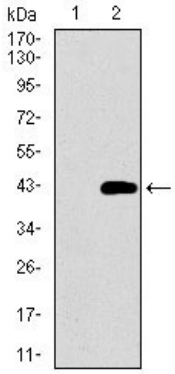


Figure 2: Western blot analysis using DNAL4 mAb against HEK293 (1) and DNAL4 (AA: 1-105)-hIgGFc transfected HEK293 (2) cell lysate.

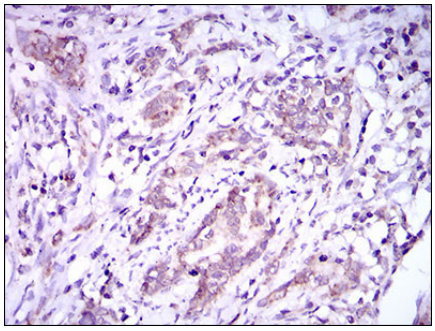


Figure 3: Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using DNAL4 mouse mAb with DAB staining.

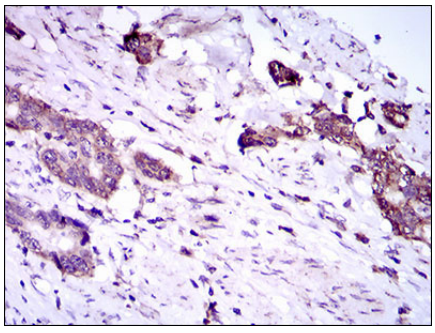


Figure 4: Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using DNAL4 mouse mAb with DAB staining.

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