ARG57031
anti-DNAL1 antibody [29E4]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [29E4] recognizes DNAL1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	29E4
Isotype	IgG2b, kappa
Target Name	DNAL1
Species	Human
Immunogen	Recombinant fragment around aa. 1-190 of Human DNAL1.
Conjugation	Un-conjugated
Alternate Names	Dynein light chain 1, axonemal; CILD16; C14orf168

Application Instructions

Application table

Application	Dilution
FACS	Assay-dependent
WB	1:1000

Application Note

* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

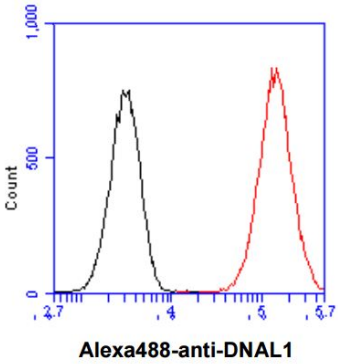
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

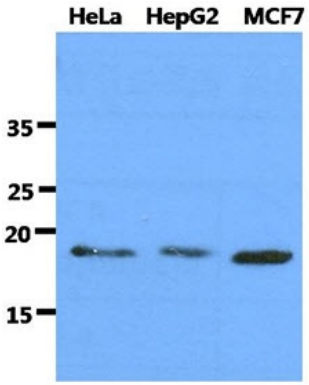
Database links	GeneID: 83544 Human Swiss-port # Q4LDG9 Human
Gene Symbol	DNAL1
Gene Full Name	dynein, axonemal, light chain 1
Background	This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011]
Calculated Mw	22 kDa

Images



ARG57031 anti-DNAL1 antibody [29E4] FACS image

Flow Cytometry: HeLa cell line stained with ARG57031 anti-DNAL1 antibody [29E4] at 2-5 µg for 1x10^6 cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG57031 anti-DNAL1 antibody [29E4] WB image

Western blot: 40 µg of HeLa, HepG2 and MCF7 stained with ARG57031 anti-DNAL1 antibody [29E4] at 1:1000.