

Product Datasheet

Anti-DNAIC1 Antibody FL650 Conjugate



Overview

Catalog #	75-372-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG1
Clone Number	UNC 65.56.18.11
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Human and Mouse
Immunogen	Synthetic peptide amino acids 22-41 (RGTRKRDEDSGTEVGEGTDE) of human DNAIC1 (accession number Q9UI46).
Molecular Weight	80 kDa
Cite this Antibody	Antibodies Inc Cat# 75-372-FL650, RRID: AB_2940247

Details

Target Description	Dynein intermediate chain 1, axonemal or DNAIC1 is encoded by the gene DNAI1 and is a member of the dynein intermediate chain family. DNAI1 is an intermediate chain dynein in respiratory cilia. This protein has varied functions including development of respiratory function, motility of spermatozoa, and asymmetrical organization of the viscera during embryogenesis. Diseases associated with DNAI1 include Ciliary Dyskinesia and Kartagener Syndrome.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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