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## Datasheet for ABIN6943024 **anti-DNAI1 antibody**

### Overview

Quantity:	100 µL
Target:	DNAI1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DNAI1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Human Dynein intermediate chain 1 aa 1-200
Clone:	3A1
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	DNAI1
Alternative Name:	DNAI1 ( <a href="#">DNAI1 Products</a> )
Background:	Synonyms: Dynein intermediate chain 1 axonemal, Axonemal dynein intermediate chain 1, DNAI1, CILD1.

## Target Details

Background: This gene encodes a member of the dynein intermediate chain family. The encoded protein is part of the dynein complex in respiratory cilia. The inner- and outer-arm dyneins, which bridge between the doublet microtubules in axonemes, are the force-generating proteins responsible for the sliding movement in axonemes. The intermediate and light chains, thought to form the base of the dynein arm, help mediate attachment and may also participate in regulating dynein activity. Mutations in this gene result in abnormal ciliary ultrastructure and function associated with primary ciliary dyskinesia and Kartagener syndrome. Alternative splicing results in multiple transcript variants.

Gene ID: 27019

UniProt: [Q9UI46](#)

## Application Details

Application Notes: FCM 1:20-100  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 12 months