

## NME8 Conjugated Antibody

Catalog No: #C40171



Package Size: #C40171-AF350 100ul #C40171-AF405 100ul #C40171-AF488 100ul  
 #C40171-AF555 100ul #C40171-AF594 100ul #C40171-AF647 100ul  
 #C40171-AF680 100ul #C40171-AF750 100ul #C40171-Biotin 100ul

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## Description

Product Name	NME8 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NME8 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human NME/NM23 family member 8
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CILD6; SPTRX2; TXNDC3; NM23-H8; sptx-2
Accession No.	Swiss-Prot#:Q8N427NCBI Gene ID:51314NCBI Protein#:BC036816
Uniprot	Q8N427
GeneID	51314;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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This gene encodes a protein with an N-terminal thioredoxin domain and three C-terminal nucleoside diphosphate kinase (NDK) domains, but the NDK domains are thought to be catalytically inactive. The sea urchin ortholog of this gene encodes a component of sperm outer dynein arms, and the protein is implicated in ciliary function. Mutations in this gene are implicated in primary ciliary dyskinesia type 6.

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Note: This product is for in vitro research use only