

TEKT5 Conjugated Antibody

Catalog No: #C31135



Package Size: #C31135-AF350 100ul #C31135-AF405 100ul #C31135-AF488 100ul

#C31135-AF555 100ul #C31135-AF594 100ul #C31135-AF647 100ul

#C31135-AF680 100ul #C31135-AF750 100ul #C31135-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	TEKT5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total TEKT5 protein.
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human tektin 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Tektin 5
Accession No.	Swiss-Prot#:NCBI Gene ID:NCBI mRNA#:BC130336NCBI Protein#:
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
Calculated MW	56
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

Product Description

Antibodies were produced by immunizing rabbits and were purified by antigen affinity-chromatography.

Background

Tektins are important components of flagella. Alterations in the expression of or mutations in mouse tektins are correlated with defective sperm motility, a cause of male infertility. At the protein level, TEK5 was present in sperm and was enriched in the accessory structures of flagella. Immunofluorescence confirmed that TEK5 was localized throughout the sperm tail in flagellar accessory structures. The expression pattern suggests that TEK5 plays an important role in flagella formation during spermiogenesis as well as being implicated in sperm motility.

Note: This product is for in vitro research use only