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Product datasheet for TA355287

DNAH2 Mouse Monoclonal Antibody [Clone ID: 34C5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	34C5
Applications:	IHC
Recommended Dilution:	1:40 - 1:80
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to amino acids 321 to 494 of the dystrophin molecule
Specificity:	Human dystrophin molecule
Formulation:	Lyophilized tissue culture supernatant containing 15 mM sodium azide as a preservative.
Reconstitution Method:	The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	dynein, axonemal, heavy polypeptide 2
Background:	Duchenne Muscular dystrophy (DMD) is the most common of the muscular dystrophies resulting in progressive muscular wasting and death. Dystrophin is the 427kD protein product of the DMD gene located on the X chromosome at position Xp21. Abnormalities in protein expression occur in patients with DMD/BMD and dystrophin analysis may be used to distinguish these conditions from other neuromuscular diseases. Severe Duchenne muscular dystrophy is associated with a marked dystrophin deficiency, whereas patients with the milder form of Becker muscular dystrophy show less pronounced abnormalities of protein expression. The immunolabeling patterns for DYS1, DYS2 and DYS3 are similar; however, the use of all three antibodies is recommended to avoid the possibility of occasional false negative results.

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