

## Product datasheet for **TA355346**

### Spectrin Mouse Monoclonal Antibody [Clone ID: RBC2/3D5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	RBC2/3D5
Applications:	IHC
Recommended Dilution:	1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human red blood cell membrane "ghosts"
Specificity:	Beta chain of spectrin in human red blood cells and muscle
Formulation:	Lyophilized tissue culture supernatant containing 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
Background:	Spectrin is a cytoskeletal protein which has some structural homology with dystrophin, the protein that is defective in Duchenne and Becker muscular dystrophy. Subtle membrane damage frequently occurs during the excision and freezing of muscle biopsies. Labeling for spectrin must be used to monitor membrane integrity. NCL-SPEC1 recognizes the beta chain of spectrin in erythrocytes and muscle. NCL-SPEC1 reacts with human beta-spectrin.



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