

## Product datasheet for **TA355313**

### Laminin 2 alpha (LAMA2) Mouse Monoclonal Antibody [Clone ID: Mer3/22B2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Mer3/22B2
Applications:	IHC
Recommended Dilution:	1:50 - 1:100
Reactivity:	Human, Rabbit
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified protein from placenta
Specificity:	Reacts strongly with laminin alpha 2 chain of merosin in human and rabbit skeletal muscle. No reaction is observed in muscle sections from mouse, rat, dog, chicken, hamster or pig
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
Gene Name:	laminin subunit alpha 2
Database Link:	<a href="#">Entrez Gene 3908 Human P24043</a>
Background:	<p>The muscle-specific form of laminin, merosin, is composed of three chains: alpha 2, beta 1 and gamma 1.</p> <p>Mutations in the chromosome 6 encoded gene for the laminin alpha 2 chain of merosin are responsible for a form of congenital muscular dystrophy (CMD). Merosin-negative CMD is characterized by a severe clinical phenotype and is associated with white matter changes on brain imaging.</p>
Synonyms:	LAMM



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