

Product datasheet for **BM571**

Laminin alpha 5 (LAMA5) Mouse Monoclonal Antibody [Clone ID: 2D8/33 (4C7)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2D8/33 (4C7)
Applications:	ELISA, IF, IP
Recommended Dilution:	ELISA. Immunoprecipitation. Immunofluorescence.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified Human Laminin
Specificity:	Reacts with the globular domain of the alpha-5 chain of intact Laminin and blocks the neurite stimulating activity of Laminin. It does not react with Rat and Mouse.
Formulation:	State: Ascites State: Liquid Ascites containing 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	laminin subunit alpha 5
Database Link:	Entrez Gene 3911 Human O15230



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Background:

Laminins are basement membrane components thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. laminin 5 is a complex glycoprotein composed of three subunits (alpha, beta, and gamma). Laminin 5 is thought to be involved in cell adhesion, signal transduction and differentiation of keratinocytes. Mutations in this gene have been identified as the cause of Herlitz type junctional epidermolysis bullosa. Alternatively spliced transcript variants encoding different isoforms have been identified.

Synonyms:

LAMA5, KIAA0533, KIAA1907, Laminin subunit alpha-5