

KD-Validated Anti-Laminin gamma 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1009

Product Information

Application	WB, FC, ICC
Primary Accession	P11047
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB5925
Calculated MW	177603
Gene Name	LAMC1
Aliases	LAMC1; Laminin Subunit Gamma 1; Laminin B2 Chain; LAMB2; Laminin, Gamma 1 (Formerly LAMB2); Laminin-10 Subunit Gamma; Laminin-11 Subunit Gamma; Laminin Subunit Gamma-1; S-Laminin Subunit Gamma; Laminin-2 Subunit Gamma; Laminin-3 Subunit Gamma; Laminin-4 Subunit Gamma; Laminin-6 Subunit Gamma; Laminin-7 Subunit Gamma; Laminin-8 Subunit Gamma; Laminin-9 Subunit Gamma; S-LAM Gamma; Laminin-1 Subunit Gamma
Immunogen	A synthesized peptide derived from human Laminin gamma 1

Additional Information

Gene ID	3915
Other Names	Laminin subunit gamma-1, Laminin B2 chain, Laminin-1 subunit gamma, Laminin-10 subunit gamma, Laminin-11 subunit gamma, Laminin-2 subunit gamma, Laminin-3 subunit gamma, Laminin-4 subunit gamma, Laminin-6 subunit gamma, Laminin-7 subunit gamma, Laminin-8 subunit gamma, Laminin-9 subunit gamma, S-laminin subunit gamma, S-LAM gamma, LAMC1 {ECO:0000303 PubMed:28397838, ECO:0000312 HGNC:HGNC:6492}

Protein Information

Name	LAMC1 {ECO:0000303 PubMed:28397838, ECO:0000312 HGNC:HGNC:6492}
Function	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. As a subunit of laminin-1 (also known as laminin-111 or EHS laminin), it is involved in the stimulation of agrin-induced receptor clustering through a MuSK-independent pathway.
Cellular Location	Secreted, extracellular space, extracellular matrix, basement membrane

Tissue Location

Found in the basement membranes (major component).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.