

## LAMA3 Conjugated Antibody

Catalog No: #C36945



Package Size: #C36945-AF350 100ul #C36945-AF405 100ul #C36945-AF488 100ul  
 #C36945-AF555 100ul #C36945-AF594 100ul #C36945-AF647 100ul  
 #C36945-AF680 100ul #C36945-AF750 100ul #C36945-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	LAMA3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LAMA3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human laminin, alpha 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	E170, LOCS, BM600, LAMNA, lama3a
Accession No.	Swiss-Prot#:Q16787NCBI Gene ID:3909NCBI Protein#:NP_000218
Uniprot	Q16787
GeneID	3909;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## 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. The protein encoded by this gene is the alpha-3 subunit of laminin 5, which 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 for this gene.

---

Note: This product is for in vitro research use only