

# Laminin beta-2/gamma-1 Monoclonal Antibody (A5), Biotin

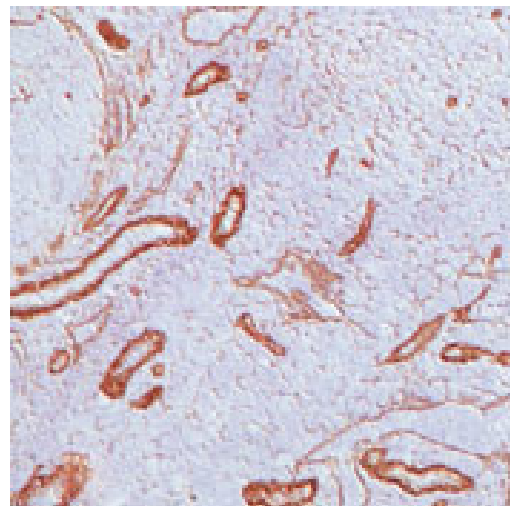
Product Details	
Size	500 µL
Species Reactivity	Human, Mouse
Published Species	Rat, Mouse, Rhesus monkey
Host/Isotype	Rat / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	A5
Conjugate	Biotin
Immunogen	Murine EHS laminin preparation
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_11005169

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	14 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunoprecipitation (IP)	1:25	-

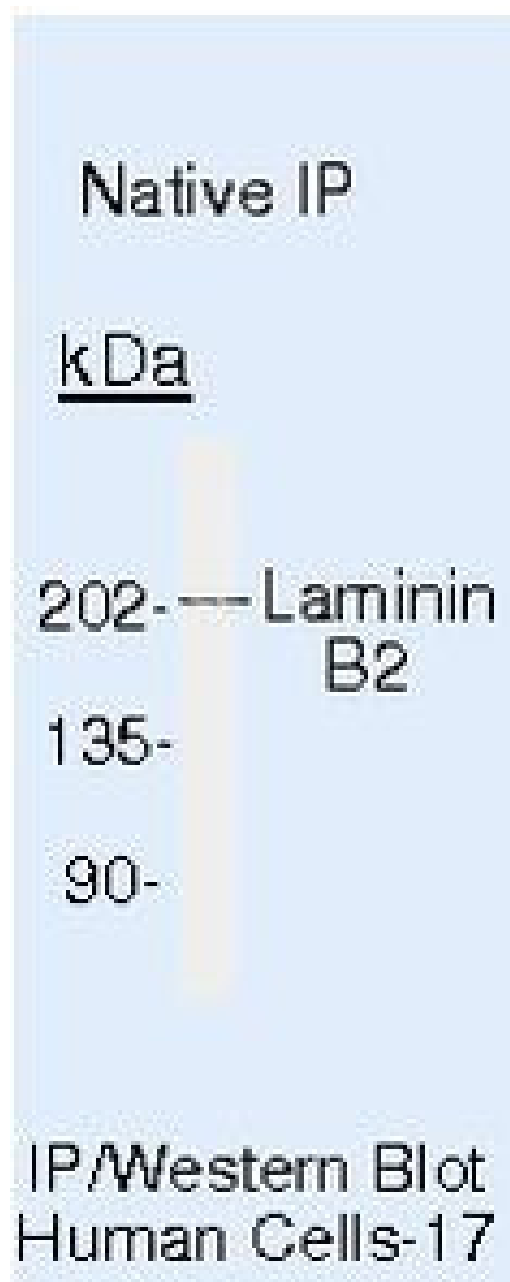
## Product Specific Information

MA5-14646 targets Laminin B2/gamma1 in IF, IHC (F), IHC (P, F), and IP applications and shows reactivity with Human and mouse samples.

The MA5-14646 immunogen is mouse EHS laminin preparation.



**Laminin beta-2/gamma-1 Antibody (MA5-14646) in IHC (F)**  
Frozen human tonsil stained with Laminin B2/1 antibody using peroxidase-conjugate and DAB chromogen. Note basement membrane and cell surface staining of blood vessels.



**Laminin beta-2/gamma-1 Antibody (MA5-14646) in IP**  
Immunoprecipitation of Laminin B2/gamma1 using Laminin B2/gamma1 Monoclonal Antibody (Product # MA5-14646) on Native Human LS174T Cells.

## Immunohistochemistry (14)

FASEB journal : official publication of the Federation of American Societies for Experimental Biology

### Deletion of muscle GRP94 impairs both muscle and body growth by inhibiting local IGF production.

"MA5-14646 was used in immunohistochemistry to study the role of local IGF production in skeletal muscle and body growth using GRP94 knockout mice"

Authors: Barton ER, Park S, James JK, Makarewich CA, Philippou A, Eletto D, Lei H, Brisson B, Ostrovsky O, Li Z, Argon Y

Year  
2012

Species  
Mouse

Fluids and barriers of the CNS

### Blood-brain barrier disruption in CCL2 transgenic mice during pertussis toxin-induced brain inflammation.

"MA5-14646 was used in immunohistochemistry to study the effect of transgenic overexpression of CCL2 on blood-brain barrier integrity during pertussis toxin-induced brain inflammation"

Authors: Schellenberg AE, Buist R, Del Bigio MR, Toft-Hansen H, Khorooshi R, Owens T, Peeling J

Year  
2012

Species  
Mouse

Dilution  
1:50

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