

Anti-Laminin β 2/ γ 1 Subunits Antibody

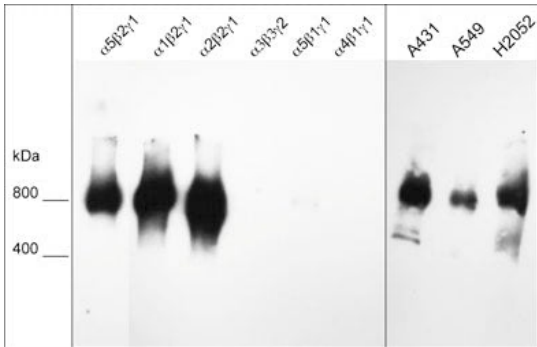


Product Details

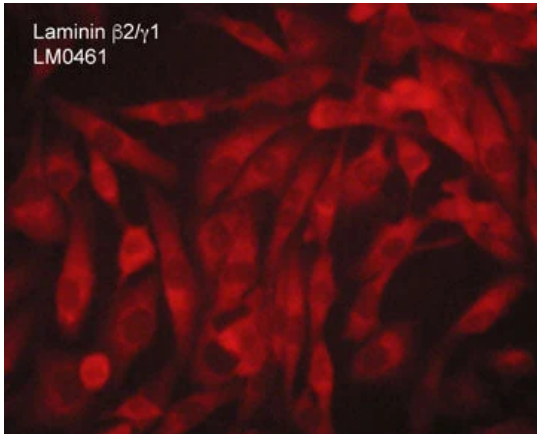
Available Variants	100 μ L (SKU:LM0461)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	M046
Gene Name	LAMC1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:200
Species Reactivity	Human
Immunogen	Clone (M046) was generated from a recombinant human laminin 521 protein that includes a heterotrimer of three subunits laminin α 5, laminin β 2, and laminin γ 1 subunits.
Specificity	Clone M046 detects native laminin isoforms that include both laminin β 2 and γ 1 subunits. In native immunoblots, the antibody detects laminin 521, laminin 221, and laminin 121, but does not detect lamin 332 and laminin 411. The antibody weakly detects laminin 511. This antibody can be used for immunocytochemical detection of laminin β 2/ γ 1 subunits, and can also be used for detection of native laminin isoforms in immunoblots and ELISA.
Molecular Weight	760
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	<u>P11047</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Native western blot image of human laminin isoforms: laminin 521 (α5β2γ1), laminin 121 (α1β2γ1), laminin 221 (α2β2γ1), laminin 332 (α3β3γ2), laminin 511 (α5β1γ1), laminin 411 (α4β1γ1), as well as human A431, A549, and NCI-H2052 cells. The blot was probed with mouse monoclonal anti-Laminin β2/γ1 subunit (LM0461) at 1:1000.



Immunocytochemical labeling of laminin β2/γ1 subunits in aldehyde fixed and NP-40 permeabilized human MDA-MB-231 breast carcinoma cells. The cells were labeled with mouse monoclonal anti-Laminin β2/γ1 subunits (LM0461). The antibody was detected using goat anti-mouse DyLight® 594.



Created on 10. September 2026 | All information without guarantee