

Anti-Integrin β 1 (Extracellular region) Antibody

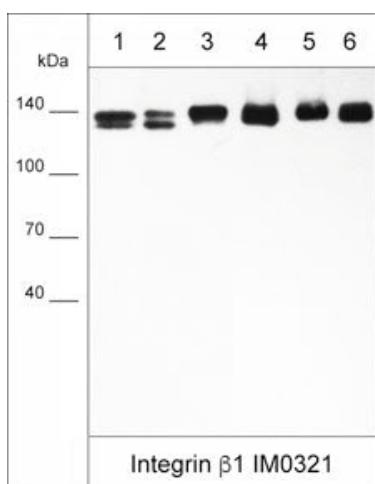


Product Details

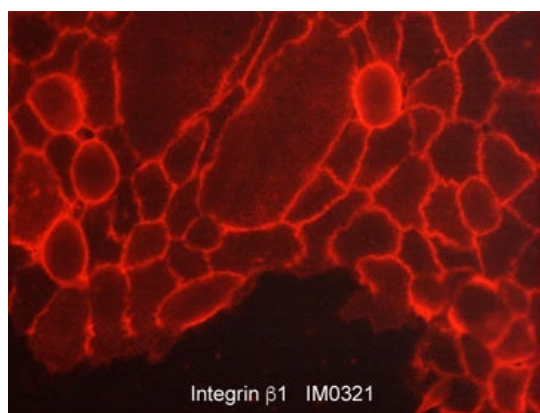
Available Variants	100 μ L (SKU:IM0321)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M032
Gene Name	ITGB1
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:500 ICC: 1:200
Species Reactivity	Human
Immunogen	Clone M032 was generated from a proprietary antigen related to the extracellular region of human integrin β 1 expressed in A431 epidermoid carcinoma cell line.
Specificity	Clone M032 detects a 120-150 kDa* band corresponding to Integrin β 1 on SDS-PAGE immunoblots of "Native" human A431, A549, MDA-MB-231, and LNCaP cell lysates, as well as human breast, skin, and lung tissues. The antibody weakly detects the denatured form of Integrin β 1. Clone M032 can be used in western blot, immunocytochemistry, and ELISA.
Molecular Weight	120-150
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>P05556</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



Western blot analysis of integrin β 1 expression in native human cells and tissues: A549 (lane 1) LNCaP (lane 2), MDA-MB-231 (lane 3) breast (lane 4), lung (lane 5), and skin (lane 6). The blot was probed with mouse monoclonal anti-Integrin β 1 (IM0321) at 1:1000 dilution.



Immunocytochemical labeling of Integrin β 1 in paraformaldehyde fixed human A431 cells. The cells were labeled with mouse monoclonal anti-Integrin β 1 (IM0321). The antibody was detected using goat anti-mouse Ig DyLight® 594.



Created on 10. September 2026 | All information without guarantee