

Anti-Integrin β 1 (Extracellular region) Antibody

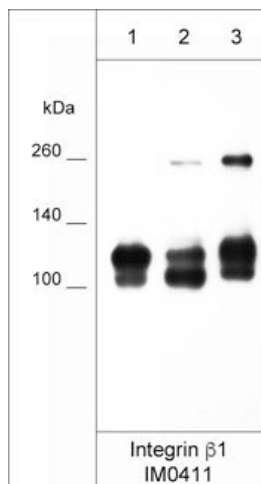


Product Details

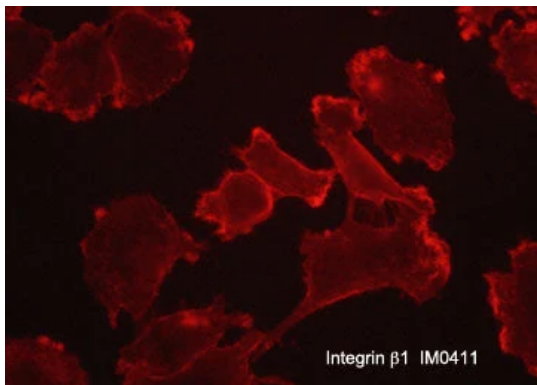
Available Variants	100 μ L (SKU:IM0411)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	M041
Gene Name	ITGB1
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:100
Species Reactivity	Human
Immunogen	Clone M041 was generated from a proprietary antigen related to the extracellular region of human integrin β 1 in complex with integrin α expressed in the NCI-H1915 lung cancer cell line.
Specificity	Clone M0411 detects 120-150 kDa* bands corresponding to Integrin β 1 on SDS-PAGE immunoblots of native human A431, LNCaP, MCF7, and NCI-H446 cell lysates, as well as human lung tissue. The antibody does not detect the denatured form of Integrin β 1. Clone M0411 can be used in western blot, immunocytochemistry, and immunoprecipitation, as well as for ELISA detection when paired with Integrin β 1 IM0041 as the capture antibody.
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	P05556
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 native cell lysates from human NCI-H446 lung cancer cells (lane 1), LNCaP prostate cancer cells (lane 2), and MCF7 breast cancer cells (lane 3). The blots were probed with mouse monoclonal anti-Integrin β1 (IM0411) at 1:1000 dilution.



Immunocytochemical labeling of Integrin β1 in aldehyde fixed and NP40 permeabilized human NCI-H1915 lung carcinoma cells. The cells were labeled with mouse monoclonal anti-Integrin β1 (IM0411). The antibody was detected using goat anti-mouse Ig:DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-integrin-b1-extracellular-region-antibody-im0411



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