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Laminin B1 Recombinant Rabbit mAb

Catalog Number:	bsm-60601R
Target Protein:	Laminin B1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	H3F4
lsotype:	IgG
Applications:	WB (1:500-2000), Flow-Cyt (1:50-100)
Reactivity:	Human, Mouse, Rat
Subcellular	Secreted ,Extracellular matrix ,Cell membrane
Locations:	
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous
	constituent of basement membranes. They have been implicated in a wide variety of
	biological processes including cell adhesion, differentiation, migration, signaling, neurite
	outgrowth and metastasis. Laminins are composed of 3 non identical chains: laminin alpha,
	beta and gamma (formerly A, B1, and B2, respectively) and they form a cruciform structure
	consisting of 3 short arms, each formed by a different chain, and a long arm composed of all
	3 chains. Each laminin chain is a multidomain protein encoded by a distinct gene. Several
	isoforms of each chain have been described. Different alpha, beta and gamma chain isomers
	combine to give rise to different heterotrimeric laminin isoforms which are designated by
	Arabic numerals in the order of their discovery, i.e. alpha1beta1gamma1 heterotrimer is
	laminin 1. The biological functions of the different chains and trimer molecules are largely
	unknown, but some of the chains have been shown to differ with respect to their tissue
	distribution, presumably reflecting diverse functions in vivo. This gene encodes the beta
	chain isoform laminin, beta 1. The beta 1 chain has 7 structurally distinct domains which it
	shares with other beta chain isomers. The C-terminal helical region containing domains I
	and II are separated by domain alpha, domains III and V contain several EGF-like repeats,
	and domains IV and VI have a globular conformation. Laminin, beta 1 is expressed in most
	tissues that produce basement membranes, and is one of the 3 chains constituting laminin

1, the first laminin isolated from Engelbreth-Holm-Swarm (EHS) tumor. A sequence in the beta 1 chain that is involved in cell attachment, chemotaxis, and binding to the laminin receptor was identified and shown to have the capacity to inhibit metastasis. [provided by RefSeq, Aug 2011]

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Laminin B1 monoclonal antibody, unconjugated (bsm-60601R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

25 ug total protein per lane of various lysates (see on figure) probed with Laminin B1 monoclonal antibody, unconjugated (bsm-60601R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.