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BM3103 OriGene EU

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Monoclonal Antibody to Lipopolysaccharide (LPS gram negative bacteria, Biphospholipid A) - Ascites

Catalog No.:	BM3103
Quantity:	1 ml
Concentration:	~0.1 mg/ml (OD280nm, E1%=14)
Host / Isotype:	Mouse / IgG2b
Clone:	26-5
Immunogen:	Synthetic Lipid A
Format:	State: Liquid diluted ascites (sterile filtered) Buffer System: PBS containing 1% BSA and 0.09% Sodium Azide as preservative
Applications:	Agglutination (use undiluted). ELISA (1:10 in phosphate buffered saline containing 4% BSA and 0.05% Tween, see also protocol below). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reactive with the hydrophilic region of Biphospholipid A (LPS gram negative bacteria, Lipopolysaccharide) in PHA and ELISA. In PHA, clone 26-5 induced hemolysis only with SRBC coated with Lipid A and not with ReLPs.
Storage:	Store the antibody at 2-8°C. Shelf life: One year from despatch.
General Readings:	Erich et al., 1989, J. Immunol., 143, 4053
Protocols:	For ELISA prepare bacteria suspension in PBS (5x10e8 bact./ml). Coat ELISA plate with 100 μl/well for 1 hour at 37°C, store overnight at 2-8°C and wash 5 times with tapwater with 0.05% Tween (TT). Incubate with diluted antibody, 1 hour at 37°C. Wash 5 times with TT. Incubate with appropriate conjugate (anti-mouse Ig enzyme labeled antibody). Add substrate solution, incubate, stop reaction and read optical density.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



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Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com