

Product Datasheet

Streptolysin Antibody (6D11) - BSA Free NBP1-05126

Unit Size: 100 ug

Store at 4C. Do not freeze.

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NBP1-05126

Streptolysin Antibody (6D11) - BSA Free

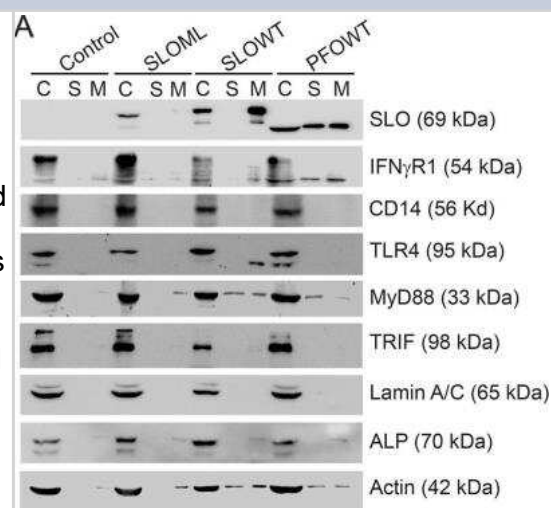
Product Information	
Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	6D11
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl

Product Description	
Host	Mouse
Species	Human, Non-species specific, Bacteria
Reactivity Notes	Chemical. Human reactivity reported in scientific literature (PMID: 28186501).
Specificity/Sensitivity	Specific for oxidized streptolysin but cross react to untreated streptolysin
Immunogen	Cysteine chloride oxidized streptolysin

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA 1:400, Immunocytochemistry/ Immunofluorescence
Application Notes	Use in Western blot and Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 28186501).

Images

Western Blot: Streptolysin Antibody (6D11) - BSA Free [NBP1-05126] - Activation receptors are shed during intrinsic repair. BMDM were unchallenged (control) or challenged with 500 HU/mL SLO WT, PFO or an equivalent mass of SLO ML for 10 min at 37C and centrifuged at 2000 x g for 5 min to yield cell pellet (C). Supernatants were spun at 100,000xg for 40 min at 4C to collect the high speed supernatant (S) and microvesicle pellet (M). Samples were solubilized at 95C in SDS-sample buffer, resolved by SDS-PAGE and transferred to nitrocellulose. Portions of the blot were probed with 6D11 anti-SLO, anti-IFN γ R1, 4B4F12 anti-CD14, 76B357.1 anti-TLR4, O91B8 anti-MyD88, 1H4B01 anti-Trif, EPR4477 anti-Alkaline Phosphatase, MANLAC-4A7 anti-Lamin A/C, and AC-15 anti-beta-Actin, followed by relevant secondary antibodies and ECL. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-018-24955-2>) licensed under a CC-BY license.



Publications

Ray S, Roth R, Keyel PA Membrane repair triggered by cholesterol-dependent cytolysins is activated by mixed lineage kinases and MEK Science advances 2022-03-18 [PMID: 35294243]

Bhattacharjee P, Keyel PA. Cholesterol-dependent cytolysins impair pro-inflammatory macrophage responses. Sci Rep 2018-04-24 [PMID: 29691463]

Romero M, Keyel M, Shi B et al. Intrinsic repair protects cells from pore-forming toxins by microvesicle shedding. Nature.com - Cell Death & Differentiation. [PMID: 28186501] (WB, ICC/IF, Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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