Data Sheet

MYD88 (*SUBERITES DOMUNCULA*)

ANTIBODY, POLYCLONAL

Catalog no.:	AC1010.1 / AC1010.2
Immunogen:	Recombinant MyD88 from *Suberites domuncula*
Synonyms:	Toll-like receptor adapter protein
Swiss-Prot No:	Q4W1E7
Gene Information:	Gene Name: myD88
Host:	Rabbit
Matrix:	Serum
Specificity:	MyD88
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	ELISA (1:10 000), Western Blot (1:1000-2000)[1], immunoprecipitation[1], immunohistochemistry (1:500)

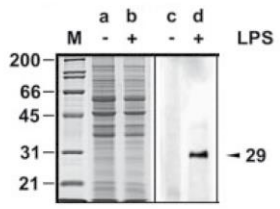

Figure 1: Western Blot analysis of MyD88 expression in response to LPS treatment. *Suberites domuncula* tissue samples were cultured for 3 days in the presence or absence of LPS. Tissue extracts were prepared, separated by SDS-PAGE and immunoblotted with AC1010 (1:1000). Lanes a, b: Coomassie staining; lanes c, d: After LPS treatment AC1010 detects a single band at 29 kDa corresponding to MyD88. *M*, marker.

Wiens M et al. (2005) J Biol Chem 280: 27949-27959.

This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.

Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	1. Wiens M, Korzhev M, Krasko A, Thakur N, Perović-Ottstadt S, Breter H, Ushijima H, Diehl-Seifert B, Müller I, Müller WEG (2005). Innate immune defense of the sponge *Suberites domuncula* against bacteria involves a MyD88-dependent signalling pathway: Induction of a perforin-like molecule. *J Biol Chem* **280**: 27949-27959.
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For research use only

Publishing research using AC1010? Please let us know so that we can cite your publication as a reference.

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