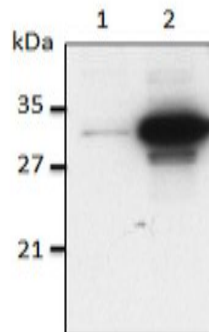


## Il1a

### Mouse Anti-Mouse IL-1 alpha (clone Bamboo-1) mAb

<b>Catalog No.</b>	CMM050	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Interleukin-1 alpha		
<b>Description:</b>	The most prominent members of the interleukin-1 (IL-1) superfamily are IL-1 $\alpha$ and IL-1 $\beta$ . IL-1 $\alpha$ was reported to be more widely and constitutively expressed and has intracellular functions, but also acts locally in a membrane-bound form by activating IL-1R1. Additionally, passive release of IL-1 $\alpha$ upon cell death can trigger a sterile inflammatory response to dying cells. Interleukin 1 is responsible for the production of inflammation, as well as the promotion of fever and sepsis.		
<b>UniProt ID:</b>	P01582		
<b>Gene ID:</b>	16175		
<b>Source:</b>	Purified from hybridoma tissue culture supernatant.		
<b>Specificity:</b>	Recognizes mouse IL-1 alpha		
<b>Isotype:</b>	Mouse IgG		
<b>Immunogen:</b>	Recombinant mouse mature IL-1 alpha		
<b>Clone:</b>	Bamboo-1		
<b>Concentration:</b>	1 mg/ml		
<b>Formulation:</b>	PBS containing 10% glycerol, 0.02% azide		
<b>Purification:</b>	Protein G affinity chromatography		
<b>Purity:</b>	≥ 95% SDS-PAGE		
<b>Applications:</b>	ELISA Western Blot (1 µg/ml)		
<b>Storage &amp; Stability:</b>	Short-term storage at 2-8°C. Upon receipt, store at -20°C to -80°C. It is recommended to store as working aliquots at -20°C to -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		

Mouse IL-1 $\alpha$  was analyzed by Western blot in cell extracts of differentiated bone marrow-derived dendritic cells (BMDCs) not treated (lane 1) or treated (lane 2) with LPS. Mouse IL-1 $\alpha$  was detected using anti-IL-1 $\alpha$  (mouse), mAb (Bamboo-1)



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