

## Il1a

### Mouse Anti-Mouse IL-1 alpha (clone Bamboo-2) mAb

<b>Catalog No.</b>	CMM051	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Interleukin-1 alpha		
<b>Description:</b>	<p>The most prominent members of the interleukin-1 (IL-1) superfamily are IL-1<math>\alpha</math> and IL-1<math>\beta</math>. IL-1<math>\alpha</math> 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<math>\alpha</math> 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. IL-1<math>\alpha</math> inhibitors are being developed to interrupt those processes and treat diseases.</p>		
<b>UniProt ID:</b>	P01582		
<b>Gene ID:</b>	16175		
<b>Specificity:</b>	Recognizes mouse IL-1 alpha		
<b>Isotype:</b>	Mouse IgG1, kappa		
<b>Immunogen:</b>	Recombinant mouse mature IL-1 alpha		
<b>Clone:</b>	Bamboo-2		
<b>Concentration:</b>	1 mg/ml		
<b>Formulation:</b>	PBS containing 10% glycerol, 0.02% azide		
<b>Purification:</b>	Protein G affinity chromatography from hybridoma tissue culture supernatant.		
<b>Purity:</b>	≥ 95% SDS-PAGE		
<b>Applications:</b>	ELISA (as detection antibody)		
<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>		

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