

## Product datasheet for **AP05799SU-N**

### IL-1B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	<b>ELISA:</b> 1/500. <b>Western blot.</b> <b>Functional assay:</b> Neutralises the bioactivity of IL-1 beta. Removal of Sodium Azide is recommended prior to use.
Reactivity:	Sheep
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant IL-1 beta
Specificity:	This antibody recognizes Interleukin-1 beta (IL-1 beta). No cross-reactivity is seen with ovine IL-6, IL-8, MCP-1 or TNF alpha.
Formulation:	0.09% Sodium Azide State: Serum State: Liquid serum
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P21621</a>
Background:	Interleukin 1 (IL1), originally known as lymphocyte activating factor (LAF), activates T cells and lymphocytes, which then proliferate and secrete interleukin 2. IL1 is primarily released from stimulated macrophages and monocytes, but also is released from several other cell types, and is thought to play a key role in inflammatory and immune responses. The two closely related agents, interleukin1 alpha (IL1 alpha) and interleukin1 beta (IL1 beta) bind to the same cell surface receptor, elicit nearly identical biological responses and share 25% homology in their amino acid sequence.
Synonyms:	IL-1 beta, IL1B, IL1 beta, IL1F2, Catabolin



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