

Product datasheet for **SM2087A**

IL1B1 Mouse Monoclonal Antibody [Clone ID: DF8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DF8
Applications:	WB
Recommended Dilution:	Western Blot: 1-5 µg/ml.
Reactivity:	Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Porcine IL-1 beta.
Specificity:	This antibody is specific for Interleukin-1 beta (IL-1 beta).
Formulation:	PBS without stabilizer and preservative State: Azide Free State: Liquid purified IgG fraction from Tissue Culture Supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P26889



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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.

IL-1 beta is principally expressed by macrophages, and plays an important immunomodulatory role in the porcine immune response.

Synonyms:

IL-1 beta, IL1B, IL1 beta, IL1F2, Catabolin