



Anti-IL1B monoclonal antibody, clone KL2C-2 [Alexa Fluor® 647] (CABT-WN1222)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal Antibody to Human IL1B molecule
Antigen Description	IL-1 refers to two proteins, IL-1alpha and IL-1beta which are the products of distinct genes, but which are recognized by the same cell surface receptors. IL-1beta is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses including the activation of B and T cells. The antibody reacts with human interleukin-1beta (IL-1beta) and baboon IL-1beta. The antibody does not recognize mouse IL-1beta or human IL-1alpha or other cytokines. The antibody can neutralize the bioactivity of natural or recombinant IL-1beta.
Target	IL1B
Immunogen	Recombinant human IL-1 beta
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human, Rhesus monkey
Clone	KL2C-2
Purification	The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor 647 under optimal conditions. The solution is free of unconjugated Alexa Fluor 647.
Conjugate	Alexa Fluor 647
Applications	ICFC, ELISA, Pr*
Format	Liquid
Size	100 tests

Buffer	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Preservative	0.09% Sodium Azide
Storage	-20°C, avoid repeated freeze/thaw cycles

GENE INFORMATION

Entrez Gene ID	3553
UniProt ID	P01584