antibodies -online.com







anti-IL-1 beta antibody (AA 148-174)



Images



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Background:

Overview	
Quantity:	0.4 mL
Target:	IL-1 beta (IL1B)
Binding Specificity:	AA 148-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-1 beta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)
Product Details	
Immunogen:	A portion of amino acids 148-174 from the human protein was used as the immunogen for this
	IL-1B antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Primate, Rabbit
Purification:	Antigen affinity purified
Target Details	
Target:	IL-1 beta (IL1B)
Alternative Name:	IL-1B (IL1B Products)

IL1B is produced by activated macrophages, IL-1 stimulates thymocyte proliferation by

Target Details

UniProt:

Pathways:

inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity.
IL-1 proteins are involved in the inflammatory response, being identified as endogenous
pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from
synovial cells. [UniProt]
P01584
NF-kappaB Signaling, Interferon-gamma Pathway, TLR Signaling, Negative Regulation of
Hormone Secretion, Cellular Response to Molecule of Bacterial Origin, Carbohydrate

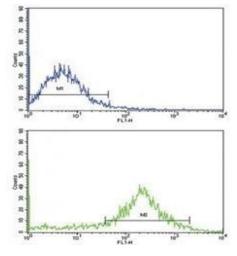
Homeostasis, Glycosaminoglycan Metabolic Process, Myometrial Relaxation and Contraction, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Autophagy, Cancer Immune Checkpoints, Inflammasome

Application Details

Application Notes:	Titration of the IL-1B antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow	
	Cytometry: 1:10-1:50	
Restrictions:	For Research Use only	

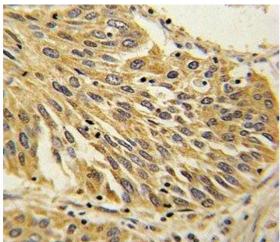
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the IL-1B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



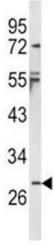
Flow Cytometry

Image 1. Flow cytometric analysis of NCI-H292 cells using IL-1B antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunohistochemistry

Image 2. IHC analysis of FFPE human lung carcinoma with IL-1B antibody



Western Blotting

Image 3. Western blot analysis of IL-1B antibody and NCI-H460 lysate. Predicted molecular weight: 31 kDa (precursor) and 17 kDa (mature).

Please check the product details page for more images. Overall 5 images are available for ABIN3031434.