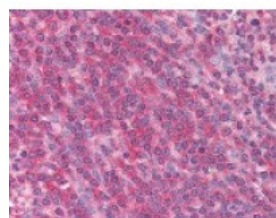




IL-1 alpha Antibody, Monoclonal

CATALOG NUMBER: 48-735



Immunohistochemistry staining of IL-1 alpha in spleen tissue using IL-1 alpha monoclonal Antibody.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	IL-1 alpha antibody can be used in ELISA, and immunohistochemistry starting at 20 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	IL - 1 alpha monoclonal antibody was raised against Ni-NTA purified recombinant human IL-1 alpha expressed in E. Coli strain BL21 (DE3)
HOST SPECIES:	Mouse

Properties

PURIFICATION:	Protein A Column
PHYSICAL STATE:	Liquid
BUFFER:	PBS, pH 7.4, 0.03% sodium azide.
STORAGE CONDITIONS:	Store IL-1 alpha antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Monoclonal
ISOTYPE:	IgG2a
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	IL1A, Hematopoietin-1, IL-1 alpha, IL1, IL1-ALPHA, IL1 Alpha, Interleukin-1 alpha, IL-1A, IL1F1, Pro-interleukin-1-alpha, Preinterleukin 1 alpha, Interleukin 1, alpha
ACCESSION NO.:	P01583
PROTEIN GI NO.:	124297
OFFICIAL SYMBOL:	IL1A
GENE ID:	3552

Background

BACKGROUND:

Interleukin 1 alpha is synthesized as a 31 kDa promolecule that does not contain a signal sequence. Following proteolytic cleavage, the mature 17 kDa molecule is released as a result of cell injury or apoptosis. IL-1 alpha stimulates bone osteoclast activity, has a role in the modulation of extracellular fluid calcium homeostasis and apoptosis, activates T and B lymphocytes and NK cells, and functions in development. Movement of the IL-1 alpha promolecule to the nucleus in response to endotoxin where it augments transcription of proinflammatory genes has also been documented.

FOR RESEARCH USE ONLY

December 13, 2016