Anti-IL1B Antibody, Rabbit Polyclonal

Synonyms: IL1-B, IL1-Beta, IL1F2, IL-1β, Interleukin-1 Family Member 2

Basic Info

Catalog
PA00080MuA10-S

Host
Rabbit

Conjugate
None

Size
10 μL

Concentration
1.0 mg/mL

Physical State
Liquid

Species Reactivity
Human/Mouse

Immunogen
Recombinant mouse IL1B protein,
fragment Val118~Ser269;
UniprotKB: P10749

Purification
Antigen Affinity Chromatography

Applications
WB/IHC

Property

Form & Buffer: Supplied in PBS, 50% glycerol, PH7.4.

Specificity / Sensitivity: Anti-IL1B Antibody, Rabbit Polyclonal recognizes endogenous levels of total IL1B protein.

Usage and Storage

Shipped at 4℃.
Store at 4℃ for frequent use.
Aliquot and store at -20℃ for 12 months.
Avoid repeated freezing/thawing and violent shaking.
Please centrifuge it, before using.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB: 0.5~5μg/mL   IF: 5~20μg/mL
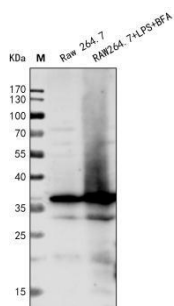IHC: 5~20μg/mL   ICC: 5~20μg/mL

QC Data

Figure 1. Application in WB
Western blot analysis of extracts of various cell lines, using IL1B antibody (PA00080MuA10-S) at 1μg/mL. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Blocking buffer: 5% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 6 s.
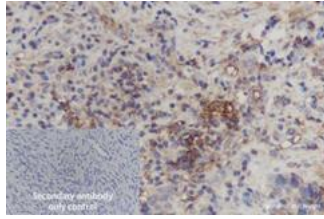
QC Data

Figure 2. Application in IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung sections labelling IL1B with purified PA00080MuA10-S at 10μg/mL. Heat mediated antigen retrieval was performed using citrate buffer (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB secondary antibody was used at 1/4000 dilution. PBS instead of the primary antibody was used as the negative control.

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