

bs-4946R**[Primary Antibody]****BioSS**
ANTIBODIES

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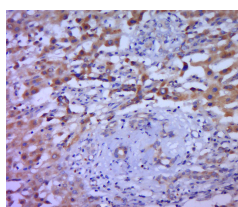
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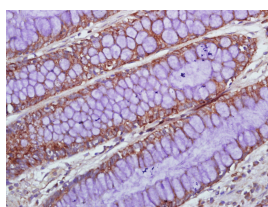
400-901-9800

IL-1 Alpha Rabbit pAb**— DATASHEET —**

| | | |
|--|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) |
| Clonality: Polyclonal | | IHC-F (1:100-500) |
| GeneID: 3552 | SWISS: P01583 | IF (1:100-500) |
| Target: IL-1 Alpha | | Reactivity: Human |
| Immunogen: KLH conjugated synthetic peptide derived from human IL-1 Alpha: 151-220/271. | | |
| Purification: affinity purified by Protein A | | Predicted MW.: 17, 31 kDa |
| Concentration: 1mg/ml | | Subcellular Location: Secreted |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: Interleukins (ILs) are a large group of cytokines that are produced mainly by leukocytes, although some are produced by certain phagocytes and auxiliary cells. Each IL acts on a specific, limited group of cells through a receptor specific for that IL. 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, interleukin 1 alpha (IL1 alpha) and interleukin 1 beta (IL1 beta) bind to the same cell surface receptor, elicit nearly identical biological responses and share 25% homology in their amino acid sequence. | | |

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL-1 Alpha) Polyclonal Antibody, Unconjugated (bs-4946R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL1A) Polyclonal Antibody, Unconjugated (bs-4946R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.