

Product Datasheet

IL1A Antibody (Center) (orb1929753)

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|----------------------------|---|
| Catalog Number | orb1929753 |
| Category | Antibodies |
| Description | Affinity Purified Rabbit Polyclonal Antibody (Pab) |
| Target | IL1A |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Isotype | Rabbit IgG |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Form/Appearance | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Immunogen | This IL1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-206 amino acids from the Central region of human IL1A. Antigen Region: 177-206 aa. |
| UniProt ID | P01583 |
| MW | 30607 Da |
| Tested applications | FC, IHC-P, WB |
| Dilution range | WB - 1:2000, IHC-P-Leica - 1:500, FC - 1:25 |
| Antibody Type | Primary Antibody |

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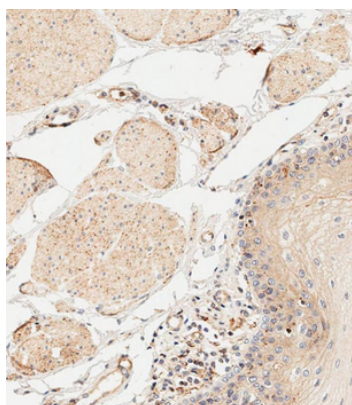
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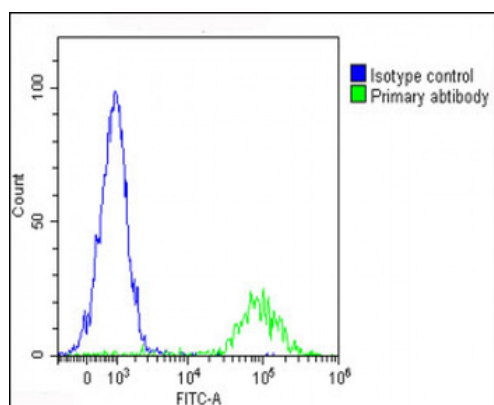
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|------------------------|--|
| Clone Number | RB21521 |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| Note | For research use only |
| NCBI | NP_000566.3 |
| Expiration Date | 12 months from date of receipt. |



Immunohistochemical analysis of paraffin-embedded human esophagus tissue was performed on the Leica BOND RXm. Samples were incubated with primary antibody (1/500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Overlay histogram showing Raji cells stained (green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.

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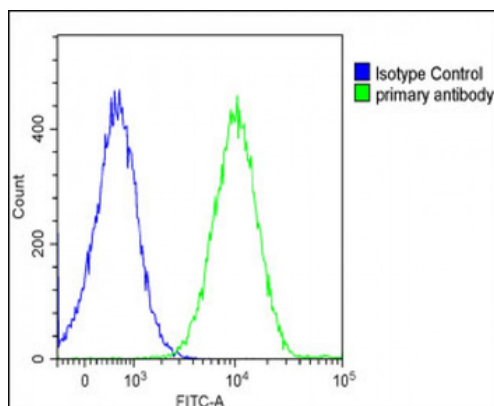
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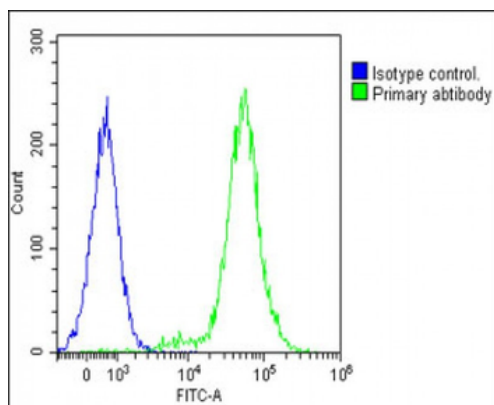
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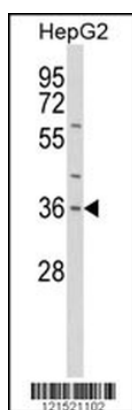
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Overlay histogram showing Ramos cells stained (green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.



Overlay histogram showing Jurkat cells stained (green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.



Western blot analysis of IL1A Antibody (Center) in HepG2 cell line lysates (35 µg/lane). IL1A (arrow) was detected using the purified Pab.

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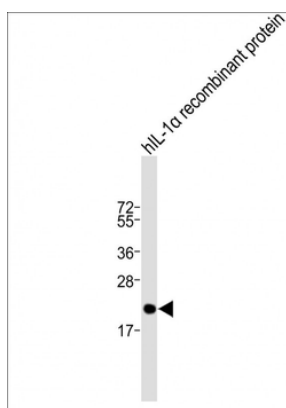
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Anti-IL1A Antibody (Center) at 1:2000 dilution + hIL-1 α recombinant protein. Lysates/proteins at 20 ng per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 31 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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