

IL33 antibody

Product Information

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| Catalog No.: | FNab04272 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Protein A+G purification |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Mouse |
| Clonality: | monoclonal |
| Clone ID: | 4E8 |
| IsoType: | IgG1 |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

Background

Cytokine that binds to and signals through the IL1RL1/ST2 receptor which in turn activates NF-kappa-B and MAPK signaling pathways in target cells(PubMed:16286016). Involved in the maturation of Th2 cells inducing the secretion of T-helper type 2-associated cytokines. Also involved in activation of mast cells, basophils, eosinophils and natural killer cells. Acts as a chemoattractant for Th2 cells, and may function as an "alarmin", that amplifies immune responses during tissue injury(PubMed:17853410, PubMed:18836528). In quiescent endothelia the uncleaved form is constitutively and abundantly expressed, and acts as a chromatin-associated nuclear factor with transcriptional repressor properties, it may sequester nuclear NF-kappaB/RELA, lowering expression of its targets(PubMed:21734074). This form is rapidly lost upon angiogenic or proinflammatory activation(PubMed:18787100).

Immunogen information

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| Immunogen: | interleukin 33 |
| Synonyms: | Interleukin-33 (IL-33) Interleukin-1 family member 11 (IL-1F11) Nuclear factor from high endothelial venules (NF-HEV) Interleukin-33 (95-270) Interleukin-33 (99-270) Interleukin-33 (109-270) IL33 C9orf26 IL1F11 NFHEV |
| Observed MW: | 35 kDa |
| Uniprot ID : | O95760 |

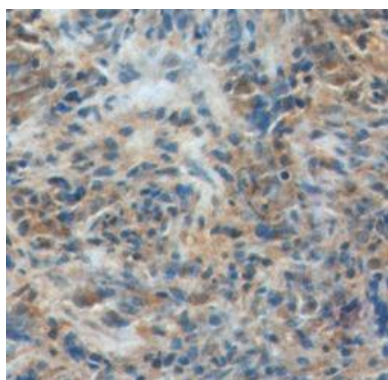
Application

Reactivity: Human

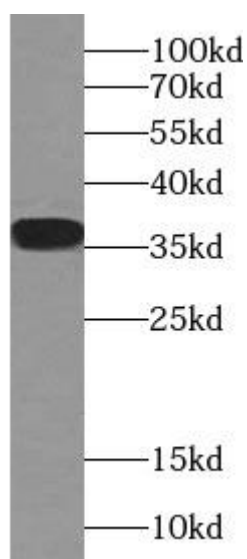
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human nasopharyngeal carcinoma tissue slide using FNab04272(IL33 Antibody) at dilution of 1:200



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab04272(IL33 Antibody) at dilution of 1:1000