

## anti- IL33 antibody

### Product Information

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

Immunogen:	interleukin 33
Synonyms:	C9orf26, IL1F11, NFHEV
Observed MW:	35kd
Uniprot ID :	O95760

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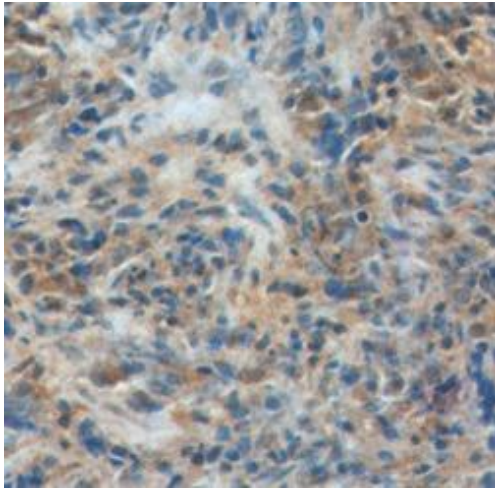
## Application

Reactivity: Human

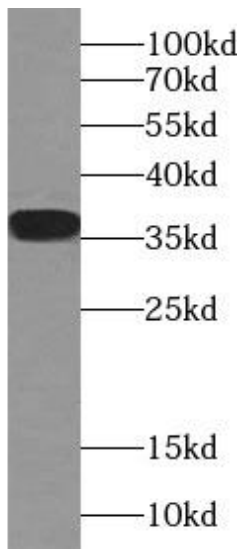
Tested Application: ELISA, IHC, WB

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

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