

Anti-IL-33 antibody [Nessy-1] - BSA and Azide free ab54385

★★★★☆ **4 Abreviews** **23 References** 画像数 1

製品の概要

製品名	Anti-IL-33 antibody [Nessy-1] - BSA and Azide free
製品の詳細	Mouse monoclonal [Nessy-1] to IL-33 - BSA and Azide free
由来種	Mouse
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human
免疫原	Recombinant fragment corresponding to Human IL-33 aa 112-270. Database link: O95760
ポジティブ・コントロール	IHC: Human stomach tissue WB: Liver lysate
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 22nd May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Constituent: PBS
キャリア・フリー	はい
精製度	Tissue culture supernatant
特記事項(精製)	Purified from TCS.
ポリ/モノ	モノクローナル
クローン名	Nessy-1
アイソタイプ	IgG1

アプリケーション

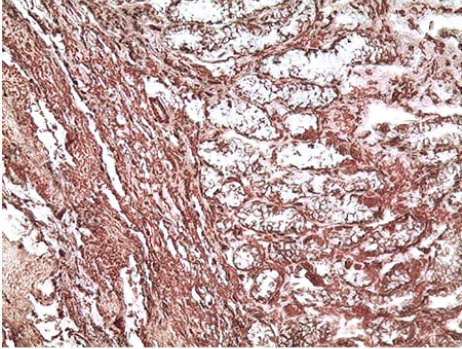
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab54385の使用に適用されます**
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アプリケーション	Abreviews	特記事項
IHC-P	★★★★☆ (1)	Use a concentration of 10 µg/ml.

ターゲット情報

機能	<p>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).</p> <p>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).</p>
組織特異性	Expressed at high level in high endothelial venules found in tonsils, Peyer patches and mesenteric lymph nodes. Almost undetectable in placenta.
配列類似性	Belongs to the IL-1 family. Highly divergent.
ドメイン	The homeodomain-like HTH domain mediates nuclear localization and heterochromatin association.
翻訳後修飾	The full length protein can be released from cells and is able to signal via the IL1RL1/ST2 receptor. However, proteolytic processing by CSTG/cathepsin G and ELANE/neutrophil elastase produces C-terminal peptides that are more active than the unprocessed full length protein. May also be proteolytically processed by calpains (PubMed:19596270). Proteolytic cleavage mediated by apoptotic caspases including CASP3 and CASP7 results in IL33 inactivation (PubMed:19559631). In vitro proteolytic cleavage by CASP1 was reported (PubMed:16286016) but could not be confirmed in vivo (PubMed:19465481) suggesting that IL33 is probably not a direct substrate for that caspase.
細胞内局在	Nucleus. Chromosome. Cytoplasmic vesicle, secretory vesicle. Secreted. Associates with heterochromatin and mitotic chromosomes (PubMed:17185418).

画像



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded human stomach tissue labelling IL-33 with **ab54358** at 10 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-33 antibody [Nessy-1]
- BSA and Azide free (ab54385)

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