

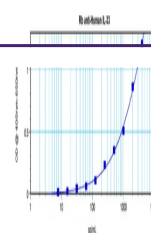
Product Datasheet

IL33 Antibody (orb1272607)

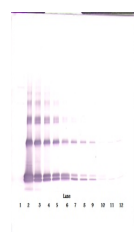
Description

IL33 Antibody

Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, NeA, WB
Immunogen	E.coli derived Recombinant Human IL-33
Target	IL33
Form/Appearance	Lyophilized
Concentration	batch dependent
Storage	The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-80°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
Note	For research use only
Application notes	<p>ELISA: Sandwich: To detect hIL-33 by sandwich ELISA (using 100µL/well antibody solution) a concentration of 0.5 - 2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biorbyt's Polyclonal Biotinylated Anti-Human IL-33 (38-193) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIL-33. Western Blot: To detect hIL-33 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-33 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human IL-33 (1.0 ng/mL), a concentration of 0.2-0.4 µg/mL of this antibody is required. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant ductal adenocarcinoma. The recommended concentration is 0.125 mg/mL-0.25 mg/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended.</p>
Clonality	Polyclonal
Uniprot ID	O95760
NCBI	O95760
Expiration Date	12 months from date of receipt.



To detect hIL-33 by sandwich ELISA (usin...



To detect hIL-33 by Western Blot analysi...



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