

Product Datasheet

Sonic Hedgehog/Shh Antibody (171018) [PE] - N-Terminus IC4641P-0.1ml

Unit Size: 0.1 ml

Store at 4C in the dark.

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IC4641P-0.1ml

Sonic Hedgehog/Shh Antibody (171018) [PE] - N-Terminus

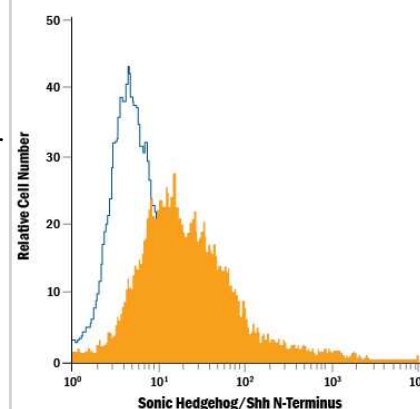
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	171018
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	PE
Purity	Protein A or G purified from hybridoma culture supernatant
Buffer	PBS

Product Description	
Host	Rat
Gene ID	6469
Gene Symbol	SHH
Species	Human, Mouse
Specificity/Sensitivity	Detects human and mouse Sonic Hedgehog/SHH in Western blots and mouse Sonic Hedgehog/SHH in ELISAs. In Western blots, approximately 50% cross-reactivity with recombinant mouse (rm) Desert Hedgehog/Dhh (N-terminus; aa 23-198) is observed and no cross-reactivity with rmIndian Hedgehog/Ihh (N-terminus; aa 66-240), rmDesert Hedgehog/Dhh (C-terminus; aa 199-396), or rmSonic Hedgehog/Shh (C-terminus; aa 199-437) is observed.
Immunogen	<i>E. coli</i> -derived recombinant mouse Sonic Hedgehog/SHH N-terminus Cys25-Gly198 (Lys122Arg) Accession # Q62226

Product Application Details	
Applications	Intracellular Staining by Flow Cytometry
Recommended Dilutions	Intracellular Staining by Flow Cytometry 10 uL/10 ⁶ cells
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

PC-3 human prostate cancer cell line was stained with Rat Anti-Human/Mouse Sonic Hedgehog/Shh N-Terminus PE-conjugated Monoclonal Antibody (Catalog # IC4641P, filled histogram) or isotype control antibody (Catalog # IC006P, open histogram). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005). View our protocol for [Staining Intracellular Molecules](#).



Publications

Blotta , Simona, Jakubikova , Jana, Calimeri , Teresa, Roccaro , Aldo M, Amodio , Nicola, Azab , Abdel Ka, Foresta , Umberto, Mitsiades , Constant, Rossi , Marco, Todoerti , Katia, Molica , Stefano, Morabito , Fortunat, Neri , Antonino, Tagliaferri , Piersand, Tassone , Pierfran, Anderson , Kenneth, Munshi , Nikhil C Canonical and noncanonical Hedgehog pathway in the pathogenesis of multiple myeloma. *Blood*, 2012-07-20;120(25):5002-13. 2012-07-20 [PMID: 22821765] (Flow Cytometry, Human)

Syn WK, Witek RP, Curbishley SM, Jung Y, Choi SS, Enrich B, Omenetti A, Agboola KM, Fearing CM, Tilg H, Adams DH, Diehl AM Role for hedgehog pathway in regulating growth and function of invariant NKT cells. *Eur. J. Immunol.*, 2009-07-01;39(7):1879-92. 2009-07-01 [PMID: 19544307] (Flow Cytometry, Mouse)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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