

# Product Datasheet

## Sonic Hedgehog/Shh Antibody [DyLight 405] AF445E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF445E**

Sonic Hedgehog/Shh Antibody [DyLight 405]

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	DyLight 405
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	50mM Sodium Borate
Product Description	
<b>Host</b>	Goat
<b>Gene ID</b>	6469
<b>Gene Symbol</b>	SHH
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Detects mouse Shh C-terminal peptide in direct ELISAs and Western blots. In these formats, less than 5% cross-reactivity with recombinant mouse (rm) Dhh C-terminal peptide is observed and less than 1% cross-reactivity with a 6X histidine-tagged rmShh N-terminal peptide (amino acids 25-198) is observed. Detects human and mouse Sonic Hedgehog protein in Western blots. Shh C-terminal peptide specific IgG was purified by first passing the goat sera over a mouse Shh N-terminal peptide affinity column. The unbound fraction from the mouse Shh N-terminal peptide affinity column was subsequently purified using a mouse Shh C-terminal peptide affinity column.
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse Sonic Hedgehog Cys25-Ser437 with a Lys122Arg substitution Accession # Q62226
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to AF445E**

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AB-108-CE	Goat IgG Isotype Control [DyLight 405]
NBP2-35174-5ug	Recombinant Mouse Sonic Hedgehog/Shh Protein
314-BP-010	BMP-4 [Unconjugated]
464-SH-025	Sonic Hedgehog/Shh [Unconjugated]

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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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