

# Product Datasheet

## Sonic Hedgehog/Shh Antibody (171018) [DyLight 680] FAB4641Y

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB4641Y**

Sonic Hedgehog/Shh Antibody (171018) [DyLight 680]

| 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                   | DyLight 680                                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                                             |
| Host                        | Rat                                                                                                                                                                                                                                                                                                         |
| Gene ID                     | 6469                                                                                                                                                                                                                                                                                                        |
| Gene Symbol                 | SHH                                                                                                                                                                                                                                                                                                         |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | Detects mouse Sonic Hedgehog in ELISAs. In Western blots, approximately 50% cross-reactivity with recombinant mouse (rm) Dhh (N-terminus; aa 23-198) is observed and no cross-reactivity with rmlhh (N-terminus; aa 66-240), rmDhh (C-terminus; aa 199-396), or rmShh (C-terminus; aa 199-437) is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant mouse Sonic Hedgehog Cys25-Gly198 (Lys122Arg)<br>Accession # Q62226                                                                                                                                                                                                     |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot, Immunohistochemistry, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization                                                                                                                                           |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)                                                                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                      |





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### **Products Related to FAB4641Y**

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|                |                                              |
|----------------|----------------------------------------------|
| NBP2-35174-5ug | Recombinant Mouse Sonic Hedgehog/Shh Protein |
| 314-BP-010     | BMP-4 [Unconjugated]                         |
| 464-SH-025     | Sonic Hedgehog/Shh [Unconjugated]            |
| 355-BM-010     | BMP-2 [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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