

# Product Datasheet

## **S100A16 Antibody [Janelia Fluor® 669] AF5180JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF5180JF669**

S100A16 Antibody [Janelia Fluor® 669]

| 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                   | Polyclonal                                                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                   |
| Isotype                     | IgG                                                                                                                                                                                                                                                  |
| Conjugate                   | Janelia Fluor 669                                                                                                                                                                                                                                    |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                      |
| Host                        | Sheep                                                                                                                                                                                                                                                |
| Gene ID                     | 140576                                                                                                                                                                                                                                               |
| Gene Symbol                 | S100A16                                                                                                                                                                                                                                              |
| Species                     | Human                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | Detects human S100A16 in direct ELISAs and Western blots. In direct ELISAs, this antibody shows approximately 20% cross-reactivity with recombinant mouse S100A16 and less than 1% cross-reactivity with recombinant human (rh) S100A13 and rhS100B. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human S100A16<br>Ser2-Ser103<br>Accession # Q96FQ6                                                                                                                                                               |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                |
| Product Application Details |                                                                                                                                                                                                                                                      |
| Applications                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                               |





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### **Products Related to AF5180JF669**

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|                  |                                                       |
|------------------|-------------------------------------------------------|
| NBP1-51085-0.1mg | Recombinant Human S100A16 His Protein                 |
| NBL1-15653       | S100A16 Overexpression Lysate                         |
| AF887            | AKT [p Ser473] Antibody [Unconjugated] - Pan Specific |
| MAB1417          | Insulin Antibody (182410) [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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