

# Product Datasheet

## **CEACAM5/CD66e Antibody (C66/1292) [Janelia Fluor® 669] NBP2-54412JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-54412JF669**

CEACAM5/CD66e Antibody (C66/1292) [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           | Monoclonal  |
| Clone               | C66/1292  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2b   |
| Conjugate           | Janelia Fluor 669   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 1048  |
| Gene Symbol             | CEACAM5   |
| Species                 | Human   |
| Specificity/Sensitivity | This antibody recognizes proteins of 80-200kDa, identified as different members of CEA family. CEA is synthesized during development in the fetal gut and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. This monoclonal antibody does not react with nonspecific cross-reacting antigen (NCA) and with human polymorphonuclear leucocytes. It shows no reaction with a variety of normal tissues and is suitable for staining of formalin/paraffin tissues. CEA is not found in benign glands, stroma, or malignant prostatic cells. Antibody to CEA is useful in detecting early foci of gastric carcinoma and in distinguishing pulmonary adenocarcinomas (60-70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+). Anti-CEA positivity is seen in adenocarcinomas from the lung, colon, stomach, esophagus, pancreas, gallbladder, urachus, salivary gland, ovary, and endocervix. |
| Immunogen               | Recombinant full-length human CEACAM5/CD66e protein (Uniprot: P06731)   |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready   |
| Recommended Dilutions       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-54412JF669**

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|               |  |
|---------------|--|
| NBP1-85742PEP | CEACAM5/CD66e Recombinant Protein Antigen              |
| DKK300        | Kallikrein 3/PSA [HRP]                                 |
| AVI10449-050  | CEACAM5/CD66e [Biotin]                                 |
| MAB1368       | alpha-Fetoprotein/AFP Antibody (189502) [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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