

# Product Datasheet

## CEACAM5/CD66e Antibody (COL-1) [DyLight 755] NBP3-05767IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-05767IR****CEACAM5/CD66e Antibody (COL-1) [DyLight 755]**

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <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>                   | Monoclonal  |
| <b>Clone</b>                       | COL-1   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG2a Kappa   |
| <b>Conjugate</b>                   | DyLight 755   |
| <b>Purity</b>                      | Protein A or G purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 1048  |
| <b>Gene Symbol</b>                 | CEACAM5   |
| <b>Species</b>                     | Human   |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | Human colon carcinoma extract (Uniprot: P06731)   |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP3-05767IR**

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|               |  |
|---------------|--|
| NBP1-96981IR  | Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 755] |
| NBP1-85742PEP | CEACAM5/CD66e Recombinant Protein Antigen              |
| DKK300        | Kallikrein 3/PSA [HRP]                                 |
| AVI10449-050  | CEACAM5/CD66e [Biotin]                                 |

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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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