

Product Datasheet

EpCAM/TROP1 Antibody (EGP40/1555R) [DyLight 550] - (ECD) NBP2-54424R

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-54424R

EpCAM/TROP1 Antibody (EGP40/1555R) [DyLight 550] - (ECD)

| Product Information | |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | EGP40/1555R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | DyLight 550 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Rabbit |
| Gene ID | 4072 |
| Gene Symbol | EPCAM |
| Species | Human, Mouse (Negative), Rat (Negative) |
| Reactivity Notes | Does not react with Canine, Mouse, Feline or Rat. |
| Marker | Epithelial Marker |
| Specificity/Sensitivity | Recognizes a 40-43kDa transmembrane epithelial glycoprotein, identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (EpCAM). EpCAM is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas. This antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and hepatocellular carcinoma. It is also useful in distinguishing serous carcinomas of the ovary from mesothelioma. This epithelial antigen plays an important role as a tumor-cell marker in lymph nodes from patients with esophageal carcinoma otherwise classified as node-negative. Epithelial antigen has also been suggested as a discriminator between basal cell and baso-squamous carcinomas, and squamous cell carcinoma of the skin. |
| Immunogen | Recombinant full-length human EpCAM/TROP1 protein (Uniprot: P16422) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

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





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Products Related to NBP2-54424R

| | |
|-------------------|-------------------------------------------|
| NBP2-24891R | Rabbit IgG Isotype Control [DyLight 550] |
| NBP2-52190-0.05mg | Recombinant Human EpCAM/TROP1 His Protein |
| 202-IL-010 | IL-2 [Unconjugated] |
| 960-EP-050 | EpCAM/TROP1 [Unconjugated] |

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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