

Product Datasheet

EpCAM/TROP1 Antibody (EGP40/1555R) [Alexa Fluor® 350] - (ECD) NBP2-54424AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-54424AF350

EpCAM/TROP1 Antibody (EGP40/1555R) [Alexa Fluor® 350] - (ECD)

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	EGP40/1555R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 350
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
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

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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.

Images

EpCAM/TROP1 Antibody (EGP40/1555R) [Alexa Fluor® 350] - (ECD) [NBP2-54424AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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Products Related to NBP2-54424AF350

NBP2-24891AF350	Rabbit IgG Isotype Control [Alexa Fluor® 350]
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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