



EPS8, NT (Epidermal Growth Factor Receptor Kinase Substrate 8) (PE)

Catalog number

E3439-40A-PE

Supplier

United States Biological

Upon binding to EGF receptor, EPS8 enhances EGF-dependent mitogenic signals. It can bind multiple cellular targets. EPS8 is expressed in all tissues analyzed, including heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas. It is expressed in all epithelial and fibroblastic lines examined and in some, but not all, hematopoietic cells. EPS8 is phosphorylated by several receptor tyrosine kinases. The protein contains 1 PH domain and 1 SH3 domain.

Applications

Suitable for use in FLISA, Western Blot, and Immunohistochemistry. Other applications not tested.

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:100-1:500

Immunohistochemistry: 1:50-1:100

Optimal dilutions to be determined by the researcher.

Storage and Stability

Store product at 4°C in the dark. DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

Synthetic peptide selected from the N-terminal region of human EPS8 (KLH).

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).

Purity

Purified by Protein G affinity chromatography.

Specificity

Recognizes human EPS8.

Product Type

Pab

**Source**

human

Isotype

IgG

Grade

Affinity Purified

Applications

FL IHC WB

Crossreactivity

Hu

Storage

4°C Do Not Freeze

MW

91.881

Detection Method

PE

Reference

1. Wong, W.T., et al., Oncogene 9(10):3057-3061 (1994).