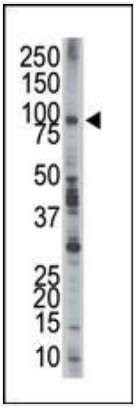
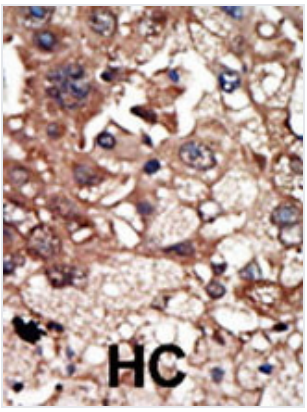
EPS8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EPS8, Polyclonal Antibody
Full Product Name	EPS8, NT (Epidermal Growth Factor Receptor Kinase Substrate 8) (Azide free) (HRP)
Product Gene Name	anti-EPS8 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human EPS8.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	62,871 Da
OMIM	600206
3D Structure	ModBase 3D Structure for Q12929
Immunogen	Synthetic peptide selected from the N-terminal region of human EPS8 (KLH).
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-EPS8 antibody	Antibodies; Protein Kinase Substrates
Applications Tested/Suitable for anti-EPS8 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-EPS8 antibody	IHC: 1:50-1:100 ELISA: 1:1,000 WB: 1:100-1:500 Applications are based on unconjugated antibody.
Related Product Information for anti-EPS8 antibody	MBS6474667 is an antibody targeting EPS8. Also known as EPS8, NT (Epidermal Growth Factor Receptor Kinase Substrate 8) (Azide free) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-EPS8 antibody	1. Wong, W.T., et al., Oncogene 9(10):3057-3061 (1994).
Other Notes	Small volumes of anti-EPS8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-EPS8 antibody
The anti-EPS8 Pab is used in Western blot to detect EPS8 in A375 cell lysate.



Immunohistochemistry (IHC) of anti-EPS8 antibody
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EPS8. It may not necessarily be applicable to this product.

NCBI GI #	56682953
NCBI GeneID	2059
NCBI Accession #	NP_004438
UniProt Primary Accession #	Q12929
UniProt Secondary Accession #	Q8N6J0; A6NMC3; A8K6W2; A8KA66; B4DX66
UniProt Related Accession #	Q12929
GenBank Nucleotide #	NM_004447
NCBI Official Full Name	epidermal growth factor receptor kinase substrate 8
NCBI Official Synonym Full Names	epidermal growth factor receptor pathway substrate 8
NCBI Official Symbol	EPS8
NCBI Official Synonym Symbols	DFNB102
UniProt Protein Name	Epidermal growth factor receptor kinase substrate 8
Protein Family	Epidermal growth factor receptor kinase substrate
UniProt Gene Name	EPS8
UniProt Entry Name	EPS8_HUMAN
NCBI Protein Information	epidermal growth factor receptor kinase substrate 8
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