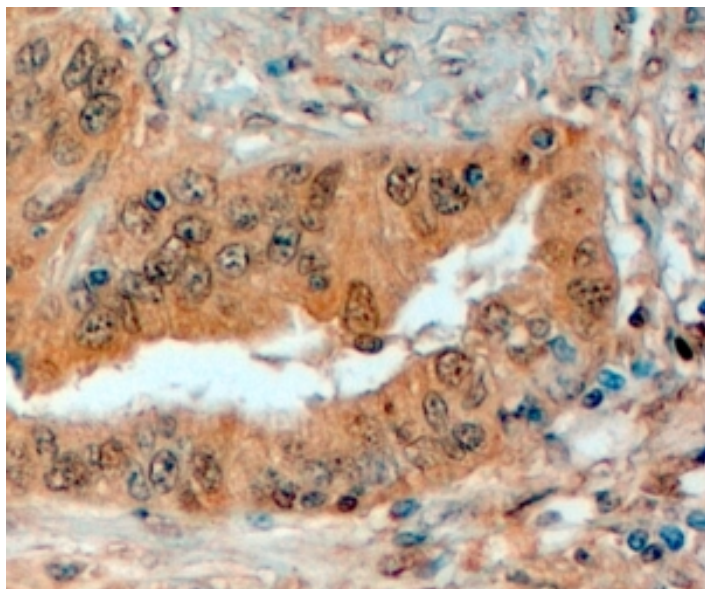


GOAT ANTI-SEMAPHORIN 3E (INTERNAL) ANTIBODY

SKU: EB07541



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names semaphorin 3E|sema domain, immunoglobulin domain (Ig), short basic domain, secreted, 3E|coll-5|SEMAH|M-sema H|M-SemaK|M-SEMAH|KIAA0331|sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E|SEMA3E

Accession ID NP_036563.1; NP_001171600.1

Blocking Peptide EBP07541

Immunogen Peptide with sequence C-NGGRYGTTKDYPDD, from the internal region of the protein sequence according to NP_036563.1; NP_001171600.1.

Product Comments This antibody is expected to recognise both reported isoforms (NP_036563.1; NP_001171600.1).

Peptide Sequence C-NGGRYGTTKDYPDD

Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig
Reactive Species	Human
Human Gene ID	9723
Mouse Gene ID	20349
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Prostate shows membranous staining of secretory cells in the gland. Recommended concentration, 4-6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Preliminary experiments gave an approx 35kDa band in Human Prostate lysates after 0.03µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 89.2kDa according to NP_036563.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

