

## Product datasheet for **CF503752**

### APBB3 Mouse Monoclonal Antibody [Clone ID: OTI5G3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5G3
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human APBB3(NP_573419) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52.4 kDa
Gene Name:	Homo sapiens amyloid beta precursor protein binding family B member 3 (APBB3), transcript variant 2, mRNA.
Database Link:	<a href="#">NP_573419</a> <a href="#">Entrez Gene 117026 Rat</a> <a href="#">Entrez Gene 225372 Mouse</a> <a href="#">Entrez Gene 10307 Human</a> <a href="#">O95704</a>



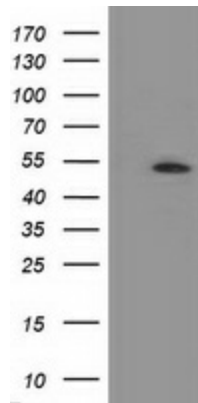
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**Background:**

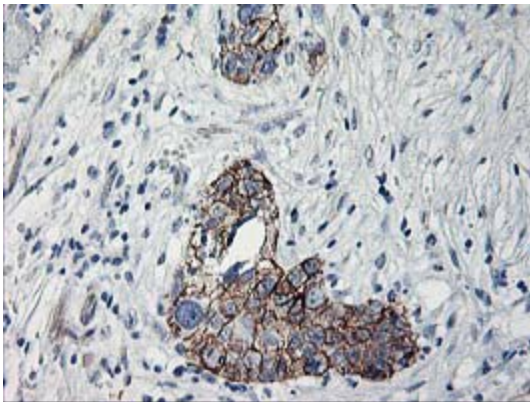
The protein encoded by this gene is a member of the APBB protein family. It is found in the cytoplasm and binds to the intracellular domain of the Alzheimer's disease beta-amyloid precursor protein (APP) as well as to other APP-like proteins. It is thought that the protein encoded by this gene may modulate the internalization of APP. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

**Synonyms:**

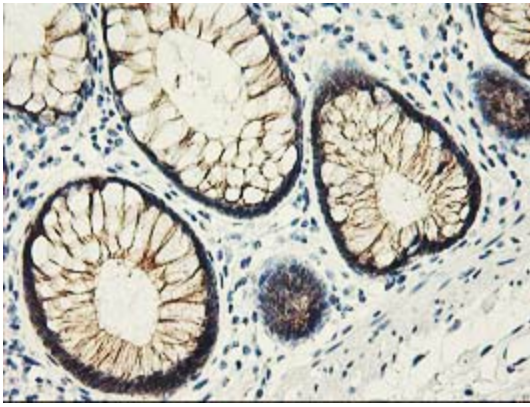
FE65L2; SRA

**Product images:**

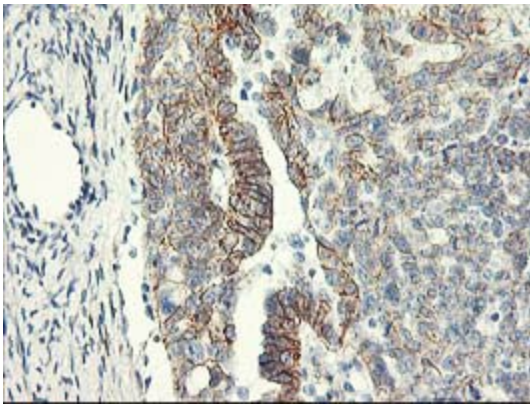
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY APBB3 (Cat# [RC219752], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-APBB3 (Cat# [TA503752]). Positive lysates [LY408843] (100ug) and [LC408843] (20ug) can be purchased separately from OriGene.



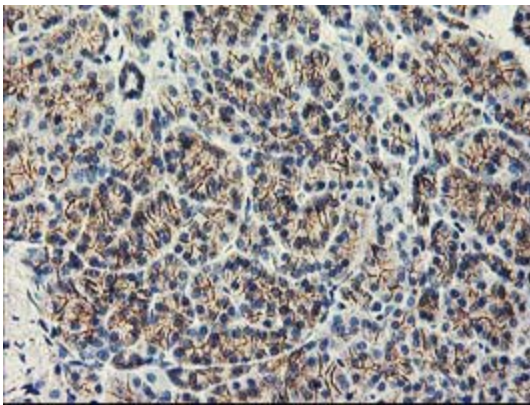
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



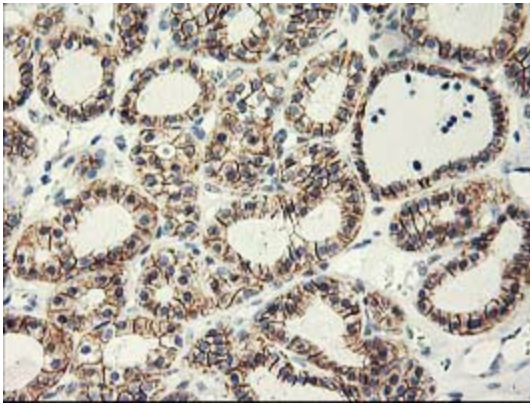
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



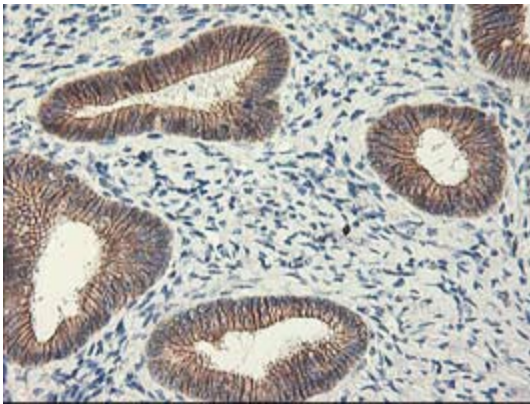
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



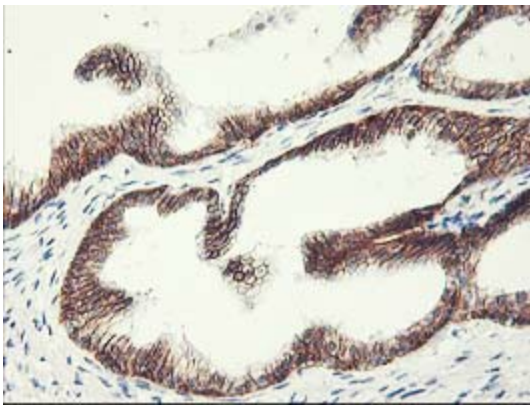
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



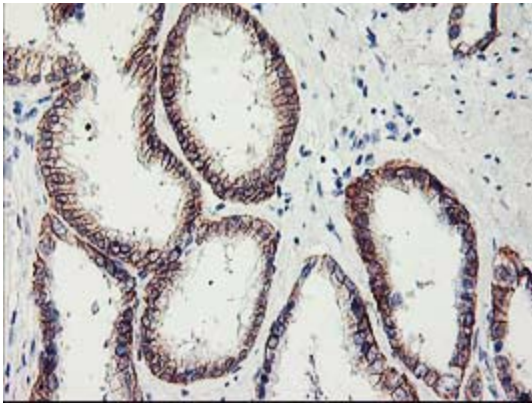
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



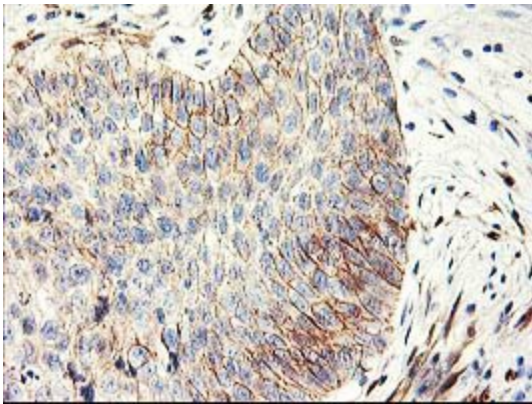
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



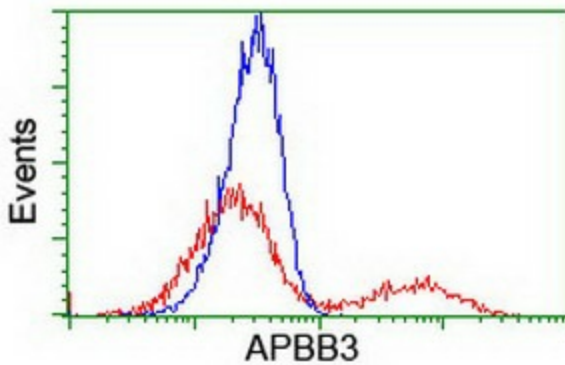
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-APBB3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503752])



HEK293T cells transfected with either [RC219752] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-APBB3 antibody ([TA503752]), and then analyzed by flow cytometry.