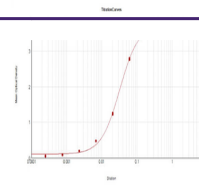


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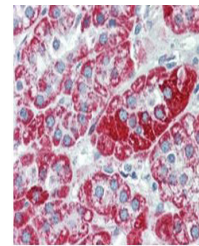
## Product Datasheet

### TRPC6 antibody (orb344462)

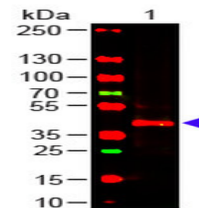
<b>Description</b>	TRPC6 antibody
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	This monoclonal antibody was produced by repeated immunizations with a synthetic peptide corresponding to a region near the carboxy terminus of human TRPC6 protein.
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	0.964 mg/mL
<b>Storage</b>	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Note</b>	For research use only
<b>Application notes</b>	Anti-TRPC6 monoclonal antibody has been tested by ELISA, immunohistochemistry and western blotting. Expect a band approximately 30 kDa in size corresponding to the cytoplasmic domain of TRPC6 protein by western blotting in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user. Use formalin-fixed paraffin-embedded sections for immunohistochemistry. No pre-treatment of sample is required. Strong staining was observed in adrenal, Purkinje neurons, cortical neurons, heart, ganglion cells, renal tubules, Sertoli cells, hepatocytes, skeletal muscle, exocrine pancreas, and germinal centers of lymphoid follicles. Moderate staining was observed in colon epithelium and plasma cells, B-lymphocytes, and parafollicular cells of the thyroid. Faint staining was seen in respiratory epithelium. Prostate and placenta were negative for staining. The antibody produced minimal to no background staining and appeared very specific at 2.5 µg/mL.
<b>Isotype</b>	IgG1



ELISA Results of Mouse Anti-TRPC6 Antibody...



Immunohistochemistry using Biorbyt's anti-TRPC6 antibody...



Western Blot of Mouse anti-TRPC6 Antibody...