



Product Datasheet

TANK Antibody (orb224064)

Catalog Number orb224064

Category Antibodies

Description The TANK Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated

antibody which raised against KLH-conjugated synthetic peptide encompassing a

sequence within the center region of human TANK. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity

chromatography.

Clonality Polyclonal

Species/Host Rabbit

Conjugation Unconjugated

Reactivity Human, Mouse, Rat

Form/Appearance Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.01% sodium azide.

Purification The antibody was purified by immunogen affinity chromatography.

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human TANK. The exact sequence is proprietary.

UniProt ID Q92844, P70347

Tested applications IF, IHC, WB

Dilution range WB: 1:500-1:1000, IHC-P: 1:100-1:200, IF/ICC: 1:100-1:500

Antibody Type Primary Antibody

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -

20°C in small aliquots to prevent freeze-thaw cycles.



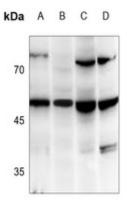


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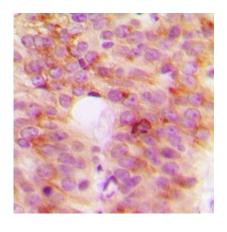
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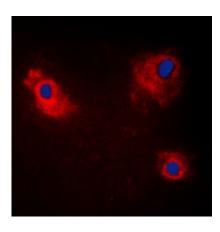
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Western blot analysis of TANK expression in HepG2 (A), Raw264.7 (B), PC12 (C), MCF7 (D) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 48 kD)



Immunohistochemical analysis of TANK staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of TANK staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).