Product Datasheet

TK1 Antibody (Center) (orb1925597)

Catalog Number	orb1925597
Category	Antibodies
Description	TK1 Antibody (Center)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
UniProt ID	P04183
MW	25469 Da
Tested applications	FC, IHC-P, WB
Dilution range	FC - 1:25, IHC-P - 1:100-500, WB - 1:2000
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
Note	For research use only
Expiration Date	12 months from date of receipt.

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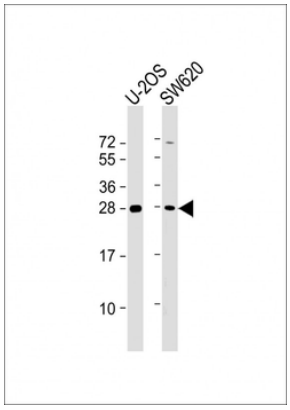
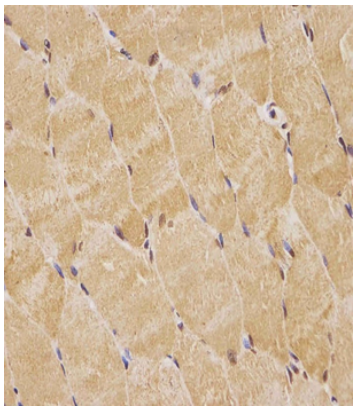
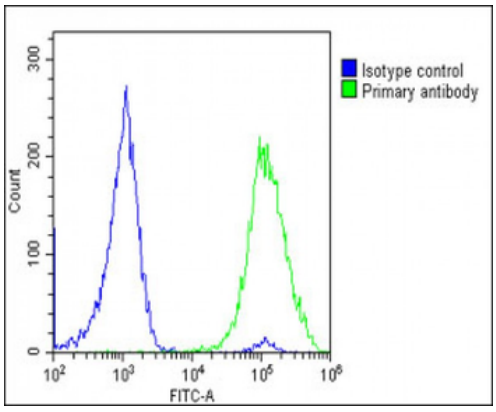


All lanes: Anti-TK1 Antibody (Center) at 1:2000 dilution. Lane 1: U-2OS whole cell lysate. Lane 2: SW620 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 25 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Staining TK1 in human skeletal muscle tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing U-2 OS cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10^6 cells) used under the same conditions. Acquisition of > 10000 events was performed.

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