

# TROP-2/TACSTD2

Catalog # PVGS1720

## Product Information

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<b>Primary Accession Species</b>	<a href="#">XP_005543292.1</a> Cynomolgus
<b>Sequence</b>	His27-Thr274
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Biological Activity</b>	Immobilized TROP-2/TACSTD2, His, Cynomolgus (Cat.No.: Z03842) at 0.5 $\mu$ g/ml (100 $\mu$ l/Well) on the plate can bind Anti-TROP-2 Antibody.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	28.7 kDa
<b>Formulation Reconstitution</b>	Lyophilized from a 0.22 $\mu$ m filtered solution in PBS, pH 7.4. Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Target Background</b>	Trop-2 (Tumor-associated calcium signal transducer 2) is also known as epithelial glycoprotein-1 antigen (EGP-1). It is encoded by the TACSTD2 gene. The mutations of Trop-2 gene cause an autosomal recessive disorder. Trop-2 causes cancer cell growth, proliferation, invasion, migration, and survival of cancer cells
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## Protein Information

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.