

## TROP-2 (F167) polyclonal antibody

Catalog: BS1920

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

TROP-2, also known as tumor-associated calcium signal transducer 2 (TACSTD2), pancreatic carcinoma marker protein GA733-1, membrane component chromosome 1, surface marker 1 (MIS1) or epithelial glycoprotein-1 (EGP-1), is a cell surface glycoprotein receptor. It is a single pass type I membrane protein containing one thryoglobulin type-1 domain, an epidermal growth factor-like repeat, a phosphatidylinositol binding site and tyrosine phosphorylation sites near the C-terminus. TROP-2 plays a role in transducing intracellular calcium signals. It is expressed in trophoblast cells, cornea and multistratified epithelia. It is also highly expressed in several types of tumors and is involved in regulating the growth of carcinoma cells.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 40 kDa

### Swiss-Prot:

P09758

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

### Storage&Stability:

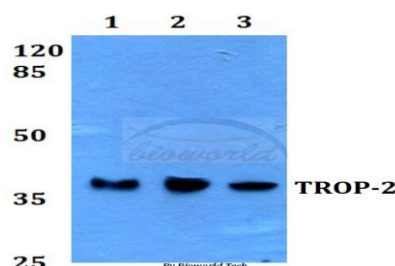
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

TROP-2 (F167) polyclonal antibody detects endogenous levels of TROP-2 protein.

### DATA:

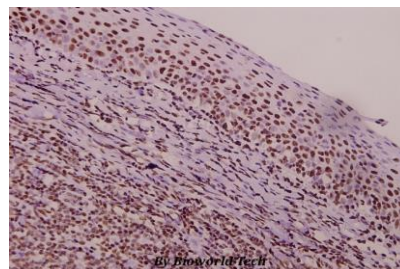


Western blot (WB) analysis of TROP-2 (F167)pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:MCF-7 whole cell lysate

Lane3:Raw264.7 whole cell lysate



Immunohistochemistry (IHC) analyzes of TROP-2 (F167) pAb in paraffin-embedded human tonsil carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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