

TROP2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6681c**Specification**

TROP2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P09758](#)**TROP2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4070**Other Names**

Tumor-associated calcium signal transducer 2, Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1, Pancreatic carcinoma marker protein GA733-1, TACSTD2, GA733-1, M1S1, TROP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6681c](/products/AP6681c) was selected from the Center region of human TROP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TROP2 Antibody (Center) Blocking Peptide - Protein Information**Name** TACSTD2**Synonyms** GA733-1, M1S1, TROP2**Function**

May function as a growth factor receptor.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Placenta, pancreatic carcinoma cell lines.

TROP2 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TROP2 Antibody (Center) Blocking Peptide - Images

TROP2 Antibody (Center) Blocking Peptide - Background

TROP2 is a carcinoma-associated antigen defined by the monoclonal antibody GA733. This antigen is a member of a family including at least two type I membrane proteins. It transduces an intracellular calcium signal and acts as a cell surface receptor. Mutations of its gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by severe corneal amyloidosis leading to blindness.

TROP2 Antibody (Center) Blocking Peptide - References

Goldstein,A.S., Proc. Natl. Acad. Sci. U.S.A. 105 (52), 20882-20887 (2008)