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Mouse Anti-TRICHOSANTHIN (TCST) Monoclonal Antibody Datasheet

Product Name: mAb anti-TRICHOSANTHIN (TCST)

Clone No.: TCST-1

Catalogue No.: MO-M40011A

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to trichosanthin (TCST)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Trichosanthin (TCST)

Immunogen: Highly purified TCST

Fusion Myeloma: Sp2/0-Ag14

Specificity: Reactive with TCST

Species Reactivity: Trichosanthin

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Toxicology, protein synthesis inhibition

Background: Human Trichosanthin (TCST) is a plant toxin that can induce abortion in pregnant women. The plant, *Trichosanthes kirilowii* (a member of the family Cucurbitaceae), is originated from China. TCST is a ribosome inactivating protein. The protein has been evaluated by some research groups as an HIV inhibition drug.

Applications: ELISA

References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

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