

Supernatant to Bowman Birk

Part Number: CCS 12600/0001

Test Label: NA

Test Format: NA

Capture Reagent: NA

Detection Reagent: Monoclonal

Intended Use:

MAB238 characterization from Brandon et al. (2): Mab 238 was made against classical Bowman-Birk trypsin/chymotrypsin inhibitor from *Glycine max*. Isotyping was done using reagents from SouthernBiotechnology (Birmingham, AL), and was determined to be IgG γ 185.

The Bowman-Birk inhibitor supernatant reactivity has been studied in *Glycine max* tissue only. This monoclonal antibody is not known to reliably react with Bowman-Birk type inhibitors from other species (1).

Antigen Binding Region: According to Kollipara et al., the antigen binding region of MAB 238 was determined to be around the trypsin-reactive domain rather than the chymotrypsin-reactive domain.

Cell culture Supernatant: Antibody yield per ml was determined to be 1.0mg/ml when purified by ammonium sulfate. Sodium Azide was added as the preservative at 0.05%.

Storage: Store the material at 4C \pm 176 for short term storage. When storing long term, keep at -20C \pm 176. Avoid freeze thaw cycles.

Includes:

- Supernatant, Bowman-Birk Inhibitor, 1 ml

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