

## Protease, Phosphatase and PMSF

Catalogue No.: abx090639

Protease Inhibitor Cocktail, Phosphatase Inhibitor Cocktail, and PMSF are used to prevent protein degradation during Western Blots.

Protease Inhibitor Cocktail is a mixture of 6 different protease inhibitors. This inhibits a broad range of proteases and esterases, including aspartyl proteases, cysteine proteases, serine proteases, and aminopeptidases.

Phosphatase Inhibitor Cocktail is a mixture of 5 different phosphatase inhibitors. It inhibits many tyrosine phosphatases, acid phosphatases, and alkaline phosphatases.

PMSF (100 mM) is used for inhibiting serine proteases, including trypsin, chymotrypsin, callicrein, subtilisin, and thrombin. It also inhibits the cysteine protease papain.

This product is provided as three vials:

- Protease Inhibitor Cocktail (1 ml, 100X)
- Phosphatase Inhibitor Cocktail (1 ml, 100X)
- PMSF (1 ml, 100 mM, 100X)

**Tested Applications:** WB

**Storage:** Store at -20°C for up to one year.

**Buffer:** Protease Inhibitor Cocktail: 100X in DMSO.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

**Directions for use:** Dilute 1/100 in an appropriate lysis buffer and mix thoroughly.