**TPO (F-3): sc-374045**

**PRODUCT**

Each vial contains 200 µg IgG, kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

TPO (F-3) is available conjugated to agarose (sc-374045 AC), 500 µg/0.25 ml agarose in 1 ml, for IP; to HRP (sc-374045 HRP), 200 µg/ml, for WB, IHC(P) and ELISA; to either phycoerythrin (sc-374045 PE), fluorescein (sc-374045 FITC), Alexa Fluor® 488 (sc-374045 AF488), Alexa Fluor® 546 (sc-374045 AF546), Alexa Fluor® 594 (sc-374045 AF594) or Alexa Fluor® 647 (sc-374045 AF647), 200 µg/ml, for WB (RGB), IF, IHC(P) and FCM; and to either Alexa Fluor® 546 (sc-374045 AF546), Alexa Fluor® 594 (sc-374045 AF594) or Alexa Fluor® 647 (sc-374045 AF647), 200 µg/ml, for Near-Infrared (NIR) WB, IF and FCM.

Blocking peptide available for competition studies, sc-374045 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% stabilizer protein).

**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: THPO (human) mapping to 3q27.1; Thpo (mouse) mapping to 16 B1.

**SOURCE**

TPO (F-3) is a mouse monoclonal antibody specific for an epitope mapping between amino acids 29-52 at the N-terminus of TPO of human origin.

**APPLICATIONS**

TPO (F-3) is recommended for detection of precursor and mature TPO of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

TPO (F-3) is also recommended for detection of precursor and mature TPO in additional species, including porcine.


**DATA**

Molecular Weight of TPO: 70 kDa.

**SELECT PRODUCT CITATIONS**


**STORAGE**

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**RESEARCH USE**

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

**PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.