


Product datasheet

Anti-STK3/MST-2 (phospho T180) + MSP/MST1 (phospho T183) antibody ab79199

★★★★★ [1 Abreviews](#) [13 References](#) [2 Images](#)

Overview

Product name	Anti-STK3/MST-2 (phospho T180) + MSP/MST1 (phospho T183) antibody
Description	Rabbit polyclonal to STK3/MST-2 (phospho T180) + MSP/MST1 (phospho T183)
Host species	Rabbit
Specificity	ab79199 detects endogenous levels of STK3/MST1 only when phosphorylated at threonine 183 (MST1) and/or threonine T180 (STK3).
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide (phospho T183). Synthetic phosphopeptide derived from human STK3/MST1 around the phosphorylation site of threonine 183 (R-N-TP-V-I).
Positive control	WB: Extracts from 293 cells treated with H2O2 (100uM, 15mins). IHC-P: Human liver carcinoma tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS Without Mg ²⁺ and Ca ²⁺

Purity	Immunogen affinity purified
Purification notes	ab79199 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Clonality	Polyclonal
Isotype	IgG

Applications

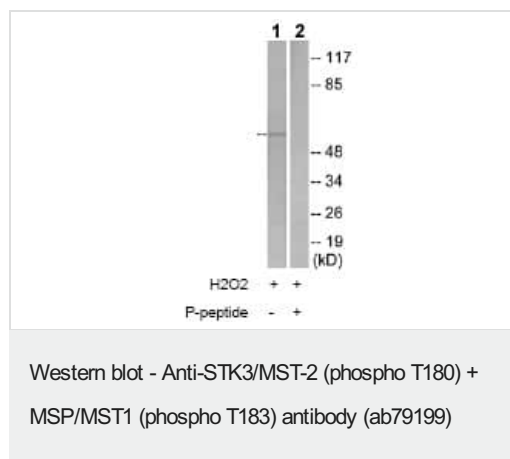
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab79199 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 56 kDa.
IHC-P		1/50 - 1/100.

Target

Cellular localization STK3: Cytoplasm. Nucleus. The caspase-cleaved form cycles between nucleus and cytoplasm. MST1: Secreted.

Images



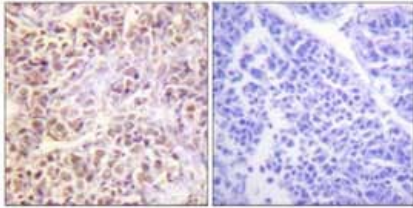
All lanes : Anti-STK3/MST-2 (phospho T180) + MSP/MST1 (phospho T183) antibody (ab79199)

Lane 1 : Extracts from 293 cells, treated with H₂O₂ (100uM, 15mins)

Lane 2 : Extracts from 293 cells, treated with H₂O₂ (100uM, 15mins) with immunising phosphopeptide

Predicted band size: 56 kDa

Observed band size: 56 kDa



P-peptide

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STK3/MST-2 (phospho T180) + MSP/MST1 (phospho T183) antibody (ab79199)

ab79199, at 1/50 dilution, staining STK3 (phospho T180) + MSP/MST1 (phospho T183) in human liver carcinoma by Immunohistochemistry using paraffin-embedded tissue, in the absence or presence of the immunising phosphopeptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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