

DESCRIPTION

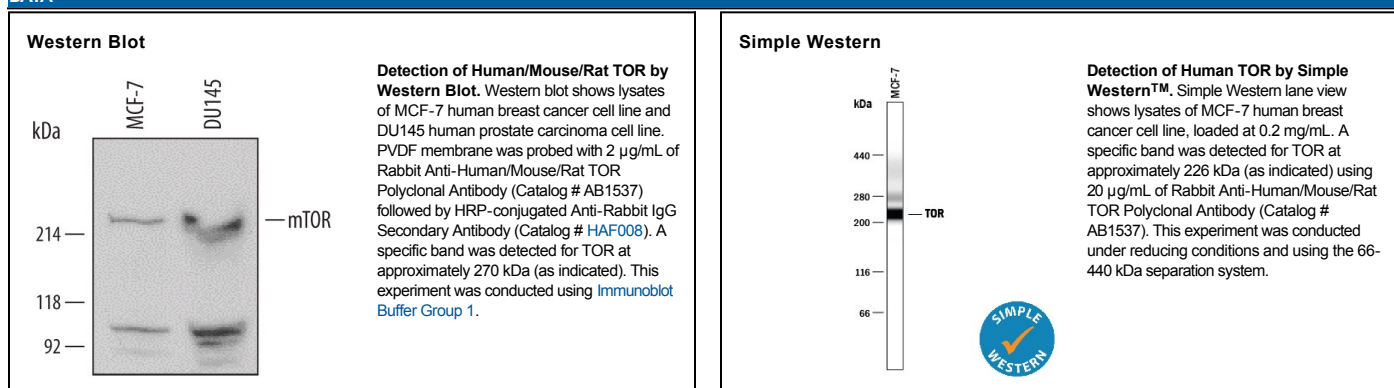
Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse and rat TOR in Western blots.
Source	Polyclonal Rabbit IgG
Purification	Protein A or G purified
Immunogen	<i>E. coli</i> -derived recombinant GST-rat TOR aa 1223-1290
Formulation	Supplied as a 0.2 µm filtered solution in PBS and Glycerol. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	2 µg/mL	See Below
Simple Western	20 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C, as supplied. 1 month, 2 to 8 °C under sterile conditions after opening. 6 months, -20 to -70 °C under sterile conditions after opening.

BACKGROUND

The Target of Rapamycin (TOR) is a member of the PI 3-kinase-related kinase (PIKK) family. TOR is the protein target of rapamycin, an anti-rejection drug used in transplantation and promising anti-cancer agent. TOR plays a crucial role in the control of cell growth and proliferation as a downstream target of the PI 3-kinase/Akt signal transduction pathway.