

DESCRIPTION

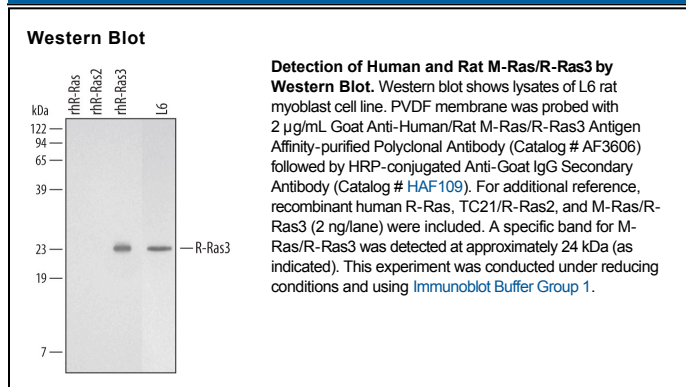
Species Reactivity	Human/Rat
Specificity	Detects human and rat M-Ras/R-Ras3 in Western blots. Does not detect recombinant human R-Ras or TC21 (R-Ras2).
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human M-Ras Met1-Leu208 (Lys181Glu) Accession # O14807
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <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 reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Muscle Ras (M-Ras), also known as R-Ras3, is a small GTP-binding protein of the Ras superfamily of GTPases. M-Ras comprises an R-Ras subfamily with fellow members R-Ras and TC21 (R-Ras2). While highly homologous elsewhere, M-Ras differs at its carboxyl terminus from both R-Ras and TC21, suggesting this GTPase may interact with novel signaling effectors.