

DESCRIPTION

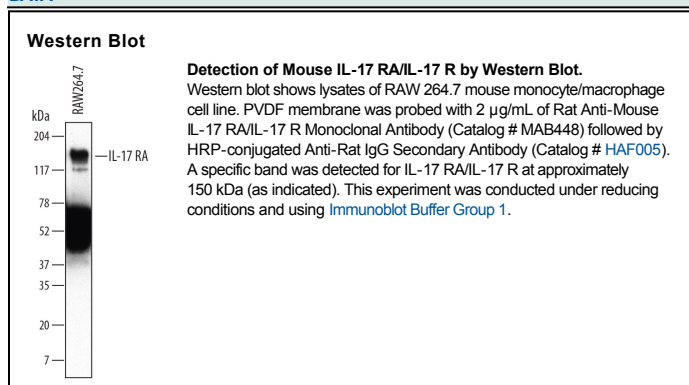
Species Reactivity	Mouse
Specificity	Detects mouse IL-17 RA/IL-17 R in direct ELISAs and Western blots. Shows 50-100% cross-reactivity with recombinant human IL-17 RA/IL-17 R and no cross-reactivity with recombinant mouse IL-17B R.
Source	Monoclonal Rat IgG _{2B} Clone # 105828
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse IL-17 RA/IL-17 R Extracellular domain Accession # Q60943
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 0.5 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

IL-17 R, also known as IL-17 RA, is a widely expressed 120 kDa glycosylated type I protein that plays a central role in inflammatory responses. IL-17 R associates with IL-17 RC to form a signaling receptor complex for IL-17 and IL-17F. IL-17 R ligation promotes T cell activation and the production of IL-6, G-CSF, SCF, and multiple proinflammatory chemokines. Within the ECD, human IL-17 R shares 72% aa sequence identity with mouse and rat IL-17 R.