

IL-15 Polyclonal Antibody

CATALOG #:	5171-100
AMOUNT:	100 µg
HOST:	Rabbit
IMMUNOGEN:	<i>E. coli</i> -expressed mouse IL-15
SPECIES REACTIVITY:	Mouse

FORMULATION:

Protein A purified rabbit anti-mouse IL-15 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, with 0.05% to 0.1% sodium azide.

STORAGE CONDITIONS:

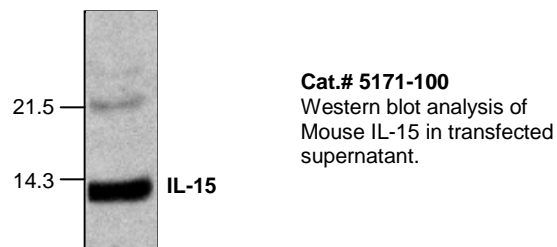
Store at -20 °C. For long-term storage, aliquot and freeze at -70 °C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

IL-15 is a member of the four alpha-helical bundle family of cytokines with a molecular weight of 14-15 kDa. Its *in vitro* activity is very similar to IL-2, except that IL-15 utilizes the IL-15 receptor alpha subunit for binding. IL-15 plays an important role in the growth and differentiation of T and B lymphocytes, natural killer cells, macrophages, and monocytes. It also activates a number of important intracellular signaling molecules. This implies that IL-15 could be essential for the immune responses, allograft rejection, and the pathogenesis of autoimmune diseases.

APPLICATION AND SPECIFICITY:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually.



FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

IL-19 Antibody (Cat. No. 5546)
Anti-IL-6 Antibody (Cat. No. A1398)
Anti-IL-5, Humanized Antibody (Cat. No. A2167)
IL-2 Antibody (Cat. No. 5131)
Anti-IL-18 Polyclonal Antibody (Cat. No. A2337)
Anti-IL-8, Humanized Antibody (Cat. No. A2289)