

Anti-IL1Beta antibody (118-269) [S5100RM] (STJ11105100)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Mouse

PRODUCT PROPERTIES

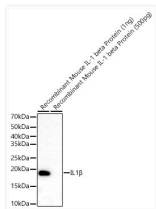
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 19kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	16176
Gene Symbol	Il1b
UniProt ID	IL1B_MOUSE
Immunogen Region	118-269
Immunogen Sequence	VPIRQLHYRLRDEQQKSLVL SDPYELKALHLNGQNINQQV IFSMSFVQGEPSNDKIPVAL GLKGKNLYLSCVMKDGTPTL QLESVDPKQYPKKKMEKRFV FNKIEVKSKVEFESAEFPNW YISTSQAEHKPVFLGNNSGQ DIIDFTMESVSS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 118-269 of mouse IL1 Beta (NP_032387.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of recombinant Mouse IL-1 beta Protein, using IL1 Beta Rabbit monoclonal antibody (STJ11105100) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 1ng/500pg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.