

Anti-IL1Beta antibody (118-269) [S4780RM] (STJ11104780)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

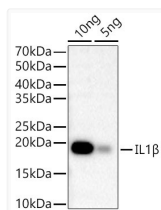
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:100-1:400 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 19kDa/17/31kDa
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 IFSMSFVQGEPNSNDKIPVAL GLKGKNLYLSCVMKDGTPTL QLESVDPKQYPKKKMEKRFV FNKIEVKSKVEFESAEPNW 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.
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Western blot analysis of recombinant mouse IL-1 beta protein, using IL1 Beta Rabbit monoclonal antibody (STJ11104780) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 10ng/5ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.