

# IL-1 beta Monoclonal Antibody (1400.24.17), Biotin

Product Details	
Size	250 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	1400.24.17
Conjugate	Biotin
Immunogen	Recombinant mouse IL-1 beta
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS with 4% BSA
Contains	proprietary preservative
Storage conditions	-20°C
RRID	AB_223603

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	-	2 Publications
ELISA (ELISA)	Assay-dependent	8 Publications
Neutralization (Neu)	-	1 Publication

## Product Specific Information

MM425BB targets IL-1 beta in ELISA, and WB applications and shows reactivity with mouse samples.

The MM425BB immunogen is recombinant mouse IL-1 beta.

MM425BB detects IL-1 beta which has a predicted molecular weight of approximately 17 kDa.

Immunohistochemistry (2)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p><b>Inflammasome-mediated production of IL-1beta is required for neutrophil recruitment against Staphylococcus aureus in vivo.</b></p> <p>"MM425BB was used in immunohistochemistry to study the effect of interleukin 1 beta on protection against Staphylococcus aureus"</p> <p>Authors: Miller LS,Pietras EM,Uricchio LH,Hirano K,Rao S,Lin H,O'Connell RM,Iwakura Y,Cheung AL,Cheng G,Modlin RL</p>	<p>Year 2007</p> <p>Species Mouse</p>
<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p><b>Development of an animal model for neurocysticercosis: immune response in the central nervous system is characterized by a predominance of gamma delta T cells.</b></p> <p>"MM425BB was used in immunohistochemistry to develop a neurocysticercosis animal model"</p> <p>Authors: Cardona AE,Restrepo BI,Jaramillo JM,Teale JM</p>	<p>Year 1999</p> <p>Species Mouse</p>

ELISA (8)

<p>Innate immunity</p> <p><b>Distinct regulation by lipopolysaccharides of the expression of interleukin-1 by murine macrophages and salivary glands.</b></p> <p>"MM425BB was used in an ELISA assay to conclude that IL-1 is constitutively expressed by submandibular glands and its secretion is not regulated by a P2X(7) agonist."</p> <p>Authors: Seil M,El Ouailiti M,Abdou Foumekoye S,Pochet S,Dehay JP</p>	<p>Year 2012</p> <p>Species Mouse</p>
<p>Proceedings of the National Academy of Sciences of the United States of America</p> <p><b>Inhibition of vagally mediated immune-to-brain signaling by vanadyl sulfate speeds recovery from sickness.</b></p> <p>"Published figure using IL-1 beta monoclonal antibody (Product # MM425BB) in ELISA"</p> <p>Authors: Johnson DR,O'Connor JC,Dantzer R,Freund GG</p>	<p>Year 2005</p>

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Neu (1)

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