OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM60035PU-N

Mycobacterium tuberculosis (HspX, alpha-crystallin) Mouse Monoclonal Antibody [Clone ID: BDI557]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI557
Applications:	ELISA, WB
Recommended Dilution:	Suitable for Western blot and ELISA
Reactivity:	Bacteria
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified PPD
Specificity:	This antibody recognizes the 16 kDa antigen (HspX, alpha-crystallin) of M. tuberculosis and M. bovis.
Formulation:	0.01 M PBS, pH 7.2 containing 0.09% Sodium azide as preservative; without stabilizing proteins State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography (>90% pure)
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Centrifuge bevor opening to ensure complete recovery of vial content. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

View online »

Background: Mycobacterium tuberculosis is the most common cause of tuberculosis. Primary infection begins with inhalation of 1 to 10 aerosolised bacilli. The pathogenicity of the organism is determined by its ability to escape host immune responses as well as eliciting delayed hypersensitivity. Alveolar macrophages engulf the invading cells but are unable to mount an effective defense. Several virulence factors are responsible for this apparent failure; most notably in the mycobacterial cell wall are the cord factor, lipoarabinomannan, and the 65 kDa heat shock protein or HSP65.

Synonyms: M. tuberculosis, TB