



Datasheet for ABIN560064
anti-BLK antibody (AA 1-90)



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Overview

Quantity:	100 µg
Target:	BLK
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BLK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant BLK.
Immunogen:	BLK (AAH07371, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGLVSSKKPD KEKPIKEKDK GQWSPLKVSA QDKDAPPLPP LVVFNHLTPP PPDEHLDEDK HFVVALYDYT AMNDRDLQML KGEKLQVLKG
Clone:	7A12
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	BLK
Alternative Name:	BLK (BLK Products)
Background:	Full Gene Name: B lymphoid tyrosine kinase Synonyms: MGC10442
Gene ID:	640
Pathways:	Positive Regulation of Peptide Hormone Secretion , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

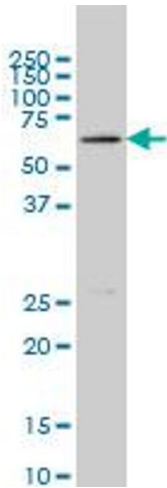
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

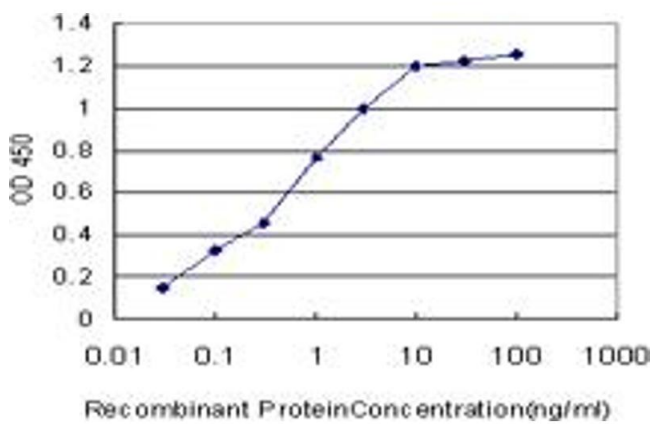
Publications

Product cited in:	<p>Bernal-Quirós, Wu, Alarcón-Riquelme, Castillejo-López: "BANK1 and BLK act through phospholipase C gamma 2 in B-cell signaling." in: PLoS ONE, Vol. 8, Issue 3, pp. e59842, (2013) (PubMed).</p> <p>Castillejo-López, Delgado-Vega, Wojcik, Kozyrev, Thavathiru, Wu, Sánchez, Pöhlmann, López-Egido, Fineschi, Domínguez, Lu, James, Merrill, Kelly, Kaufman, Moser, Gilkeson, Frostegård, Pons-Estel et al.: "Genetic and physical interaction of the B-cell systemic lupus erythematosus-associated genes BANK1 and BLK. ..." in: Annals of the rheumatic diseases, Vol. 71, Issue 1, pp. 136-42, (2011) (PubMed).</p>
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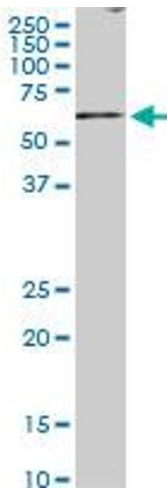
Western Blotting

Image 1. BLK monoclonal antibody (M02), clone 7A12. Western Blot analysis of BLK expression in Raw 264.7.



ELISA

Image 2. Detection limit for recombinant GST tagged BLK is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. BLK monoclonal antibody (M02), clone 7A12. Western Blot analysis of BLK expression in PC-12.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN560064.