Datasheet for ABIN517794

anti-DNAJB9 antibody (AA 114-223)

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Overview

Quantity:	100 µg
Target:	DNAJB9
Binding Specificity:	AA 114-223
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DNAJB9 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant DNAJB9.
Immunogen:	DNAJB9 (NP_036460.1, 114 a.a. ~ 223 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NFDDLFKDFG FFGQNQNTGS KKRFENHFQT RQDGGSSRQR HHFQEFSFGG GLFDDMFEDM EKMFSFSGFD STNQHTVQTE NRFHGSSKHC RTVTQRRGNM VTTYTDCSGQ
Clone:	3G4
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	DNAJB9
Alternative Name:	DNAJB9 (DNAJB9 Products)
Background:	Full Gene Name: DnaJ (Hsp40) homolog, subfamily B, member 9 Synonyms: DKFZp564F1862,ERdj4,MDG1,MST049,MSTP049
Gene ID:	4189
NCBI Accession:	NM_012328
Pathways:	ER-Nucleus Signaling

Application Details

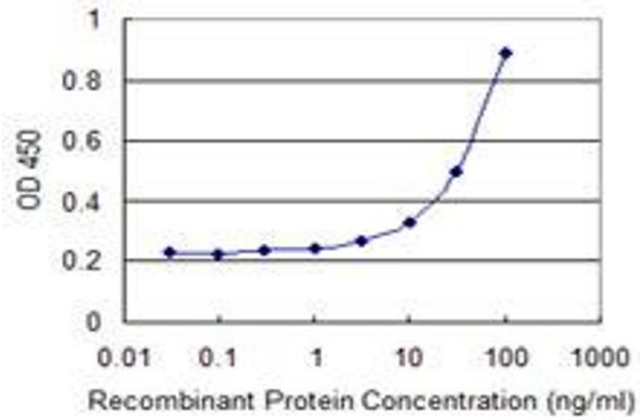
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

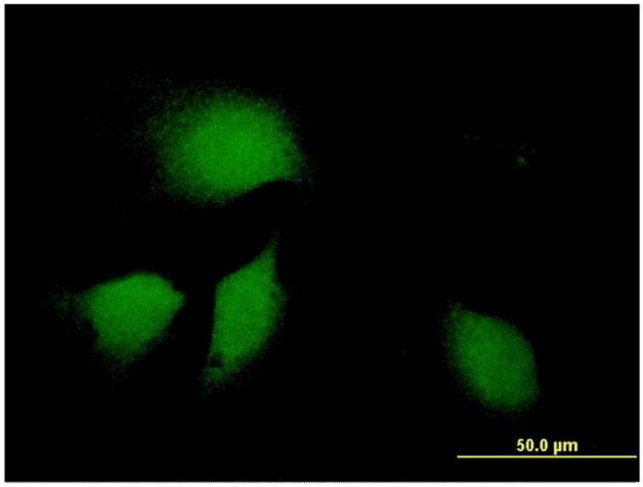
Publications

Product cited in:	van Galen, Kreso, Mbong, Kent, Fitzmaurice, Chambers, Xie, Laurenti, Hermans, Eppert, Marciniak, Goodall, Green, Wouters, Wienholds, Dick: "The unfolded protein response governs integrity of the haematopoietic stem-cell pool during stress." in: **Nature**, Vol. 510, Issue 7504, pp. 268-72, (2014) (PubMed).



ELISA

Image 1. Detection limit for recombinant GST tagged DNAJB9 is 1 ng/ml as a capture antibody.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to DNAJB9 on HeLa cell. [antibody concentration 10 ug/ml]