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Datasheet for ABIN561520

anti-IRF1 antibody (AA 216-325)

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Overview

Quantity:	100 µg
Target:	IRF1
Binding Specificity:	AA 216-325
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant IRF1.
Immunogen:	IRF1 (NP_002189, 216 a.a. ~ 325 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PMPSTSEATT DEDEEGKLPE DIMKLLEQSE WQPTNVDGKG YLLNEPGVQP TSVYGD FSCK EEPEIDSPGG DIGLSLQRVF TDLKNMDATW LDSLLTPVRL PSQAIPCAP
Clone:	2E4
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	IRF1
Alternative Name:	IRF1 (IRF1 Products)
Background:	Full Gene Name: interferon regulatory factor 1 Synonyms: IRF-1,MAR
Gene ID:	3659
NCBI Accession:	NM_002198
Pathways:	Interferon-gamma Pathway , Response to Growth Hormone Stimulus , Positive Regulation of Immune Effector Process , Hepatitis C , Autophagy

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>Bartlett, Slater, Glanville, Haas, Caramori, Casolari, Clarke, Message, Aniscenko, Keadze, Zhu, Mallia, Mizgerd, Belvisi, Papi, Kotenko, Johnston, Edwards: "Defining critical roles for NF-κB p65 and type I interferon in innate immunity to rhinovirus." in: EMBO molecular medicine, Vol. 4, Issue 12, pp. 1244-60, (2012) (PubMed).</p> <p>Baumjohann, Okada, Ansel: "Cutting Edge: Distinct waves of BCL6 expression during T follicular helper cell development." in: Journal of immunology (Baltimore, Md. : 1950), Vol. 187, Issue 5, pp. 2089-92, (2011) (PubMed).</p> <p>Choi, Kageyama, Eto, Escobar, Johnston, Monticelli, Lao, Crotty: "ICOS receptor instructs T follicular helper cell versus effector cell differentiation via induction of the transcriptional</p>
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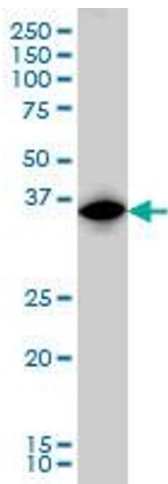
repressor Bcl6." in: **Immunity**, Vol. 34, Issue 6, pp. 932-46, (2011) ([PubMed](#)).

Fazilleau, McHeyzer-Williams, Rosen, McHeyzer-Williams: "The function of follicular helper T cells is regulated by the strength of T cell antigen receptor binding." in: **Nature immunology**, Vol. 10, Issue 4, pp. 375-84, (2009) ([PubMed](#)).

Nurieva, Chung, Martinez, Yang, Tanaka, Matskevitch, Wang, Dong: "Bcl6 mediates the development of T follicular helper cells." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5943, pp. 1001-5, (2009) ([PubMed](#)).

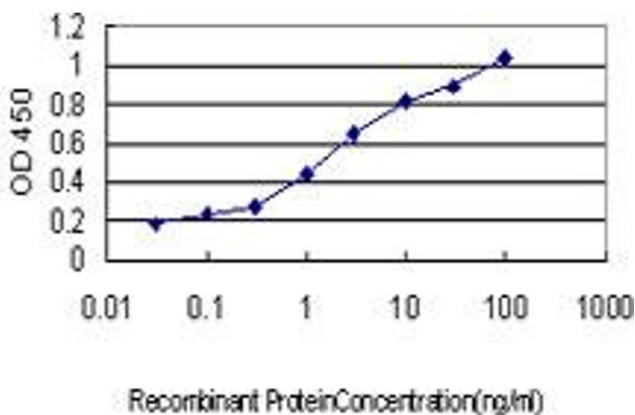
There are more publications referencing this product on: [Product page](#)

Images



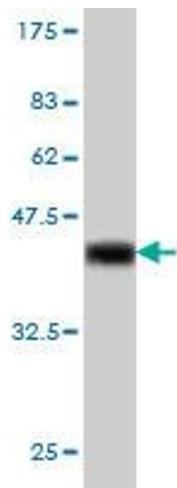
Western Blotting

Image 1. IRF1 monoclonal antibody (M01), clone 2E4 Western Blot analysis of IRF1 expression in COLO 320 HSR .



ELISA

Image 2. Detection limit for recombinant GST tagged IRF1 is approximately 0.1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 KDa).