

DATASHEET

IRSp53 Mouse Monoclonal Antibody(C4048)

CAT. NO. AMA03660

KEY FEATURES

Target	IRSp53	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Adapter protein that links membrane-bound small G-proteins to cytoplasmic effector proteins. Necessary for CDC42-mediated reorganization of the actin cytoskeleton and for RAC1-mediated membrane ruffling. Involved in the regulation of the actin cytoskeleton by WASF family members and the Arp2/3 complex. Plays a role in neurite growth. Acts synergetically with ENAH to promote filipodia formation. Plays a role in the reorganization of the actin cytoskeleton in response to bacterial infection. Participates in actin bundling when associated with EPS8, promoting filopodial protrusions.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

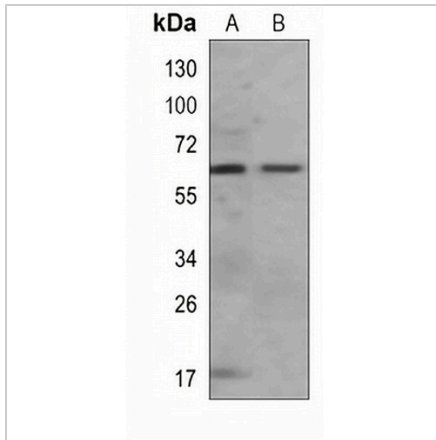
Description	Mouse monoclonal antibody to IRSp53
Specificity	Recognizes endogenous levels of IRSp53 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human IRSp53. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 60 kD; Observed: 60 kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Brain-specific angiogenesis inhibitor 1-associated protein 2; BAI-associated protein 2; BAI1-associated protein 2; Protein BAP2; Fas ligand-associated factor 3; FLAF3; Insulin receptor substrate p53/p58; IRS-58; IRSp53/58; Insulin receptor substrate protein of 53 kDa; IRSp53; Insulin receptor substrate p53
Gene Symbol	BAIAP2
Entrez Gene	10458(Human); 108100(Mouse)
SwissProt	Q9UQB8(Human); Q8BKX1(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**IRSp53 Mouse Monoclonal Antibody(C4048)**

CAT. NO. AMA03660

DATA

Western blot analysis of IRSp53 expression in K562 (A) whole cell lysates. (Predicted band size: 60 kD; Observed band size: 60 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.