

Product datasheet

Anti-DUSP3 antibody [ARM-1] ab70902

1 Image

Overview

<b>Product name</b>	Anti-DUSP3 antibody [ARM-1]
<b>Description</b>	Mouse monoclonal [ARM-1] to DUSP3
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse, Rat
<b>Immunogen</b>	Recombinant full length human DUSP3 purified from E.coli
<b>Positive control</b>	WB: HepG2, Hep3B, U87mg and 293T cell lysates.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	Preservative: 0.03% Sodium azide Constituents: 0.01% BSA, 50% Glycerol, 0.87% Sodium chloride, HEPES
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Purification notes</b>	Purified from tissue culture supernatant.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	ARM-1
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab70902** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

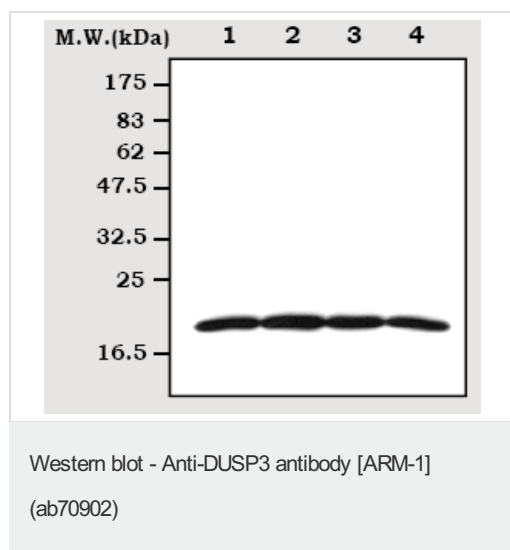
Application	Abreviews	Notes
WB		1/2000. Detects a band of approximately 20 kDa (predicted molecular weight: 20 kDa).

Application	Abreviews	Notes
IP		Use at 2.5 µg/mg of lysate.

## Target

<b>Function</b>	Shows activity both for tyrosine-protein phosphate and serine-protein phosphate, but displays a strong preference toward phosphotyrosines. Specifically dephosphorylates and inactivates ERK1 and ERK2.
<b>Sequence similarities</b>	Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily. Contains 1 tyrosine-protein phosphatase domain.
<b>Cellular localization</b>	Nucleus.

## Images



**All lanes :** Anti-DUSP3 antibody [ARM-1] (ab70902) at 1/2000 dilution

**Lane 1 :** HepG2 cell lysate

**Lane 2 :** Hep3B cell lysate

**Lane 3 :** U87mg cell lysate

**Lane 4 :** 293T cell lysate

**Predicted band size:** 20 kDa

**Observed band size:** 20 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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