

## Product datasheet

# Anti-FADD (phospho S191) antibody ab111379

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### Overview

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<b>Product name</b>	Anti-FADD (phospho S191) antibody
<b>Description</b>	Rabbit polyclonal to FADD (phospho S191)
<b>Specificity</b>	ab111379 detects endogenous levels of FADD only when phosphorylated at serine 191.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to Mouse FADD (C terminal) (phospho S191). Sequence: NMSPV  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human breast carcinoma tissue; Jurkat cell extracts, treated with PMA (125ng/ml, 30mins).

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49.1% PBS, 0.88% Sodium chloride, 50% Glycerol Note: without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab111379 was affinity-purified from Rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab111379** in the following tested applications.

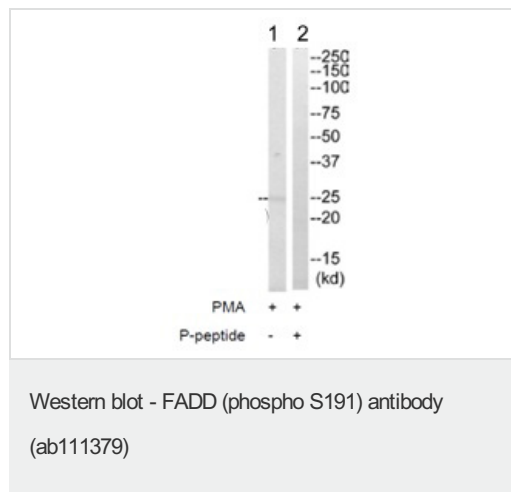
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★ ★ ★ ★ ★	1/500 - 1/1000. Predicted molecular weight: 23 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	Apoptotic adaptor molecule that recruits caspase-8 or caspase-10 to the activated Fas (CD95) or TNFR-1 receptors. The resulting aggregate called the death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation. Active caspase-8 initiates the subsequent cascade of caspases mediating apoptosis.
<b>Tissue specificity</b>	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.
<b>Sequence similarities</b>	Contains 1 death domain. Contains 1 DED (death effector) domain.
<b>Domain</b>	Contains a death domain involved in the binding of the corresponding domain within Fas receptor.

## Images



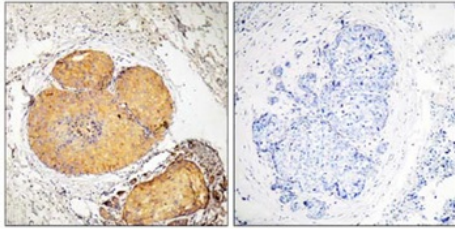
**All lanes :** Anti-FADD (phospho S191) antibody (ab111379) at 1/500 dilution

**Lane 1 :** Jurkat cell extracts, treated with PMA (125ng/ml, 30mins)

**Lane 2 :** Jurkat cell extracts, treated with PMA (125ng/ml, 30mins) with immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

**Predicted band size :** 23 kDa



P-peptide

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - FADD (phospho S191) antibody (ab111379)

ab111379 at 1/50 dilution staining FADD in paraffin-embedded Human Breast carcinoma tissue by Immunohistochemistry. The image on the right is treated with the synthesized phosphopeptide.

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

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