

## Product datasheet

# Anti-Talin 2 antibody [68E7] ab105458

### 5 References

#### Overview

<b>Product name</b>	Anti-Talin 2 antibody [68E7]
<b>Description</b>	Mouse monoclonal [68E7] to Talin 2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, ICC/IF, IP, WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 489-911 of Mouse Talin 2.
<b>Positive control</b>	Fibroblasts
<b>General notes</b>	Growth Conditions: RPMI1650 + Glu + Pen + Strep + 10% FCS @ 37°C + 5%CO2

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	68E7
<b>Myeloma</b>	NS0/1
<b>Isotype</b>	IgG2b

#### Applications

Our [Abpromise guarantee](#) covers the use of **ab105458** 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
IHC-Fr		Use at an assay dependent concentration.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.
IP		1/100 - 1/1000.
WB		1/100 - 1/1000. Predicted molecular weight: 272 kDa.
ELISA		1/100 - 1/1000.

## Target

<b>Function</b>	As a major component of focal adhesion plaques that links integrin to the actin cytoskeleton, may play an important role in cell adhesion. Recruits PIP5K1C to focal adhesion plaques and strongly activates its kinase activity.
<b>Sequence similarities</b>	Contains 1 FERM domain. Contains 1 ILWEQ domain.
<b>Cellular localization</b>	Cell junction > focal adhesion. Cell junction > synapse. Cell membrane. Cytoplasm > cytoskeleton. Focal adhesion plaques and synapses.

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