

Product datasheet

Anti-MEK7 antibody ab18565

1 References

Overview

Product name	Anti-MEK7 antibody
Description	Rabbit polyclonal to MEK7
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, ICC, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide: C-SSLEQKLSRLEAKLKQENREARRRID , corresponding to amino acids 4-29 of Human MKK7. Run BLAST with Run BLAST with
Positive control	MC/9 cells or HEK-293 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: 1mg/ml BSA, 140mM Sodium chloride, 10mM Potassium phosphate. pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab18565** 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
ICC/IF		Use at an assay dependent dilution.

Application	Abreviews	Notes
ICC		1/300.
WB		1/1000. Detects a band of approximately 47 kDa.

Target

Function	Stress activated, dual specificity kinase that activates the JUN kinases MAPK8/JNK1, MAPK9/JNK2 and MAPK10/JNK3.
Tissue specificity	Ubiquitous; with highest level of expression in skeletal muscle. Isoform 3 is found at low levels in placenta, fetal liver, and skeletal muscle.
Sequence similarities	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 1 protein kinase domain.
Post-translational modifications	Activated by phosphorylation on Ser/Thr.
Cellular localization	Nucleus. Cytoplasm.

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