

# AB-NN272-1

## JIP2/IB2 Antibody

Pan-specific monoclonal antibody (S135-37) for monitoring the expression of mouse JIP2/IB2



# KINEXUS

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### Target Protein

<b>Name Long:</b>	c-Jun-amino-terminal kinase-interacting protein 2 (JIP2/IB2)
<b>Alias:</b>	MAPK8IP2, C jun amino terminal kinase interacting protein 2, C-jun-amino-terminal kinase-interacting protein 2, Homologous to mouse JIP 1 , IB 2, IB-2, IB2, Islet brain 2, Islet-brain-2, JIP 2, JIP-2, JNK interacting protein 2, JNK MAP kinase scaffold protein 2, JNK MAP kinase scaffold protein JIP2, JNK-interacting protein 2, MAPK8IP2, Mitogen activated protein kinase 8 interacting protein 2
<b>UniProt ID:</b>	Q9ERE9 - Mouse
<b>Human Predicted Mass (KDa):</b>	87.975 (824 AA; Q13387-1); 84.711 (797 AA; Q13387-2); 64.934 (598 AA; Q13387-3); 49.070 (443 AA; Q13387-4)
<b>Observed SDS-PAGE Mass (KDa):</b>	100

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 226-421 of mouse JIP-2/IB-2. Rat: 94% identity (127/135 amino acids identical). Human: 86% identity (173/200 amino acids identical) >50% identity with JIP-1.
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	19 IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   IHC   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-465 was sufficient for detection of JIP2/IB2 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a >100 kDa protein.
<b>Antibody Cross Reactivities:</b>	Does not cross-react with JIP-1/IB-1.

This product is for in vitro research use only and is not intended for use in humans or animals.

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