

**bsm-51265M****[ Primary Antibody ]****PINK1 Mouse mAb****BioSS**  
**ANTIBODIES**

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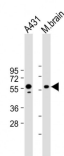
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**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:200-1000)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 5C6	<b>Reactivity:</b> Human
<b>GeneID:</b> 65018	<b>SWISS:</b> Q9BXM7	
<b>Target:</b> PINK1		
<b>Purification:</b> affinity purified by Protein G		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 63 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		<b>Subcellular Location:</b> Cytoplasm
<b>Background:</b> This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

All lanes : Anti-Pink1(115-213) at 1:4000 dilution  
 Lane 1: A431 whole cell lysate Lane 2: Mouse  
 brain lysate Lysates/proteins at 20 µg per lane.  
 Secondary Goat Anti-mouse IgG, (H+L),  
 Peroxidase conjugated at 1/10000 dilution.  
 Predicted band size : 63 kDa Blocking/Dilution  
 buffer: 5% NFDm/TBST.

**— SELECTED CITATIONS —**

- **[IF=6.025]** Xuliang Zhang. et al. PINK1/Parkin-mediated mitophagy mitigates T-2 toxin-induced nephrotoxicity. FOOD CHEM TOXICOL. 2022 Jun;164:113078 WB ;Mouse. 35489469
- **[IF=6.208]** Chuanling Wang. et al. Berberine Rescues D-Ribose-Induced Alzheimer's Pathology via Promoting Mitophagy. INT J MOL SCI. 2023 Jan;24(6):5896 ICC ;Mouse. 36982968
- **[IF=4.872]** Yajing Wang. et al. Long-term exposure to the fluoride blocks the development of chondrocytes in the ducks: The molecular mechanism of fluoride regulating autophagy and apoptosis. Ecotox Environ Safe. 2021 Jul;217:112225 WB ;Duck. 33864983
- **[IF=4.081]** Zhang, Kai. et al. Long-Term Copper Exposure Induced Excessive Autophagy of the Porcine Spleen. BIOL TRACE ELEM RES. 2022 Jul;:1-9 WB ;Pig. 35794302