**bsm-51758M** **[ Primary Antibody ]**

# DAPK1 Mouse mAb

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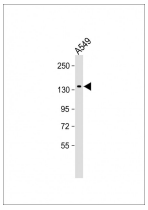
## DATASHEET

**Host:** Mouse
**Isotype:** IgG2a, κ
**Clonality:** Monoclonal
**CloneNo.:** F5T7
**GeneID:** 1612
**SWISS:** P53355
**Target:** DAPK1
**Purification:** affinity purified by Protein G
**Concentration:** 1mg/ml
**Storage:** 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.

**Background:** DAPK1 expression is frequently lost in human carcinomas and B-cell leukemia, and lower levels of expression correlates with high rates of metastasis. The loss of DAPK expression provides a link between suppression of apoptosis and metastasis. DAPK1 is thought be involved in an early apoptotic checkpoint which eliminates premalignant cells from cancer formation. Studies in bladder cancer patients have also shown that hypermethylation of DAPK1 correlates to high recurrence rates and thus DAPK1 may be used as a prognostic marker. DAPK1 is also reportedly a molecular regulator of neuronal death in epilepsy.

**Applications:** **WB** (1:500-2000)
**Reactivity:** Human (predicted: Mouse)
**Predicted MW.:** 160 kDa
**Subcellular Location:** Cytoplasm

## VALIDATION IMAGES




Sample: Lane 1: A549 cell lysates Primary: Anti-DAPK1 (bsm-51758M) at 1/4000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 160 kD Observed band size: 160 kD