



AIB1

Mouse monoclonal Antibody

#54018

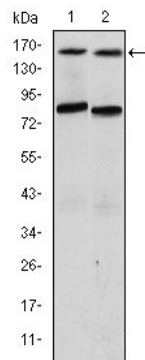
Catalog Number: 54018**Amount:** 100µg/100µl**Swiss-Prot No. :**Q9Y6Q9**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human AIB1 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of AIB1 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 155kd WB: 1:500-2000

Figure 1: Western blot analysis using AIB1 mouse mAb against T47D (1) and MCF-7 (2) cell lysate.

Background:

The poly Q polymorphism in AIB1 (amplified in breast cancer) gene is usually assessed by fragment length analysis which does not reveal the actual sequence variation. The purpose of this study is to investigate the sequence variation of poly Q encoding region in breast cancer cell lines at single molecule level, and to determine if the sequence variation is related to AIB1 gene amplification.