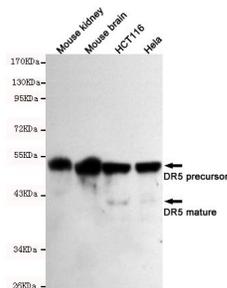




DR5

Mouse monoclonal Antibody

#53316

Catalog Number: 53316**Amount:** 100µg/100µl**Swiss-Prot No. :** O14763**Gene name:** dr5**Gene id:** 8795**Clone Number:** 7F4-F8-G11**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 DR5 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of DR5 and does not cross-react with related proteins**Reactivity:** Human, Mouse**Applications:** Predicted MW: 48kd WB: 1:500-2000 ICC: 1:100

Western blot detection of DR5 in Mouse kidney, Mouse brain, HCT116 and HeLa cell lysates using DR5 mouse mAb (1:2000 diluted). Predicted band size: 40/48KDa. Observed band size: 40/48KDa.

Background:

The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.