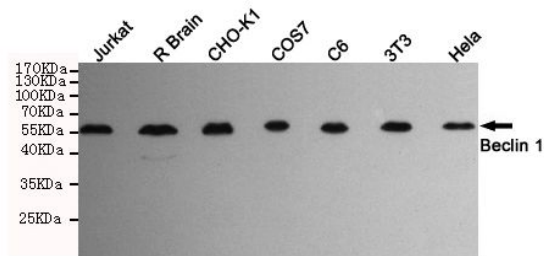


**Beclin 1****Mouse monoclonal Antibody****#53514****Catalog Number:** 53514**Amount:** 100µg/100µl**Swiss-Prot No. :** Q14457**Gene name:** becn1**Gene id:** 8678**Clone Number:** 4F4-B10-C9**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human Beclin 1 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Beclin 1 and does not cross-react with related proteins**Reactivity:** Human, Mouse, Rat, Monkey, Hamster**Applications:** Predicted MW: 55kd WB: 1:1000

Western blot detection of Beclin 1 in HeLa, 3T3, C6, COS7, CHO-K1, Rat brain and Jurkat cell lysates using Beclin 1 mouse mAb (1:1000 diluted). Predicted band size: 52KDa. Observed band size: 55KDa.

**Background:**

Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration. It plays a central role in autophagy. Required for the abscission step in cytokinesis. May play a role in antiviral host defense. Protects against infection by a neurovirulent strain of Sindbis virus.