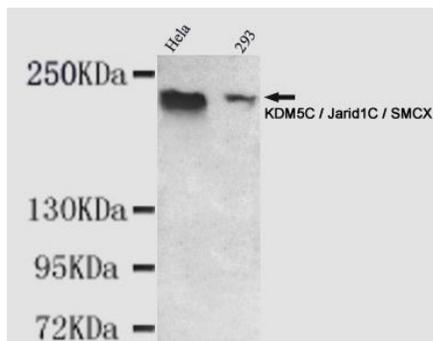


**Anti-KDM5C/Jarid1C/SMCX****Mouse monoclonal Antibody****#53107****Catalog Number:** 53107**Amount:** 100µg/100µl**Swiss-Prot No. :** P41229**Genename:** kdm5c**Geneid:** 8242**Clone Number:** 2E4-E1-G8**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human KDM5C / Jarid1C / SMCX protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of KDM5C / Jarid1C / SMCX and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 220 kd WB: 1:1:1000 ICC: 1:150



Western blot detection of KDM5C / Jarid1C / SMCX in HeLa and 293 cell lysates using KDM5C / Jarid1C / SMCX mouse mAb (1:1000 diluted).

Predicted band size: 176KDa. Observed band size: 220KDa.

Background :

This gene is a member of the SMCY homolog family and encodes a protein with one ARID domain, one JmjC domain, one JmjN domain and two PHD-type zinc fingers. The DNA-binding motifs suggest this protein is involved in the regulation of transcription and chromatin remodeling. Mutations in this gene have been associated with X-linked mental retardation. Alternative splicing results in multiple transcript variants.