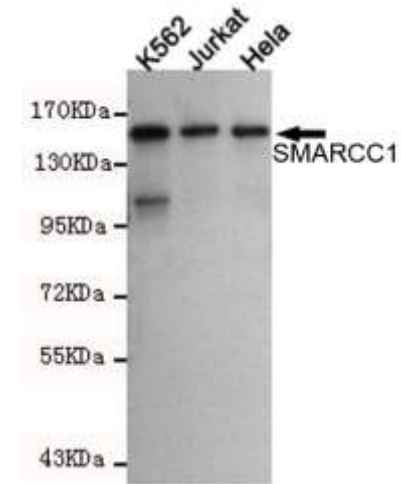


Anti-SMARCC1 Antibody (2A4-H7-C12)

CATALOG NO:	A1315-100
ALTERNATIVE NAMES:	BRG1-associated factor 155, BAF155, SWI/SNF complex 155 kDa subunit, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1
CLONALITY:	Monoclonal
CLONE:	2A4-H7-C12
AMOUNT:	100 µg
Host/ISOTYPE:	Mouse IgG1
IMMUNOGEN:	Recombinant human SMARCC1 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	155 kDa
SPECIES REACTIVITY:	Human
SPECIFICITY:	This antibody detects endogenous levels of SMARCC1 and does not cross-react with related proteins.
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	Purified mouse monoclonal in PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). May stimulate the ATPase activity of the catalytic subunit of the complex. Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a postmitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to postmitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes.
APPLICATION:	WB; 1:1000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of SMARCC1 in K562, Jurkat and HeLa cell lysates using SMARCC1 Antibody

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) **(Cat. No. 6830)**
- Acetyl Lysine (Biotin) Antibody **(6125)**
- Acetyl-Histone H2A Antibody **(3653)**
- Anti- c-Myb Antibody **(A1212)**

FOR RESEARCH USE ONLY! Not to be used on humans.