

## TECHNICAL DATASHEET

# RbAp48 monoclonal antibody - Classic

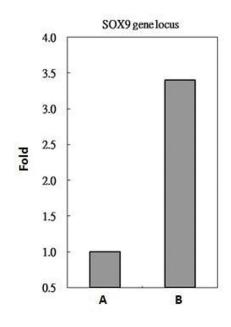
Cat. No. C15200206	Specificity: Human.	
Type: Monoclonal	Purity: Protein G Affinity Purified	
Source: Mouse	<b>Storage:</b> Store at -20°C; for long storage, store at -80°C.	
Lot #: 40186	Avoid multiple freeze-thaw cycles.	
<b>Size:</b> 100 µl	<b>Precautions:</b> This product is for research use only. Not for	
Concentration: 1 µg/µl	use in diagnostic or therapeutic procedures.	

### **Applications**

	Suggested dilution*	Results
ChIP assay	5 μg/ChIP	Figure 1
ICC/IF	1:100 - 1:500	Figure 3
Immunoprecipitation	1:100 - 1:500	Figure 2
Western blot	1:100 - 1:500	Figure 4

\*Optimal dilutions/concentrations should be determined by the researcher.

### Results

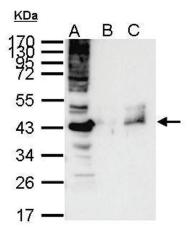


#### Figure 1. ChIP

RbAp48 antibody immunoprecipitates RbAp48 protein-DNA in ChIP experiments. ChIP Sample: HeLa chromatin extract A. 5  $\mu$ g preimmune mouse IgG B. 5  $\mu$ g of RbAp48 antibody (C15200206) The precipitated DNA was detected by PCR with primer set targeting to SOX9 gene locus.

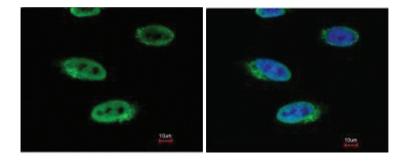


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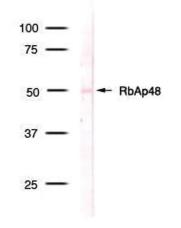
#### Figure 2. Immunoprecipitation

RbAp48 antibody immunoprecipitates RbAp48 protein in IP experiments. IP Sample: 1,000 µg HeLa whole cell extract A. 40 µg HeLa whole cell extract B. Control with 2.5 µg of preimmune mouse IgG C. Immunoprecipitation of RbAp48 protein with 2.5 µg of RbAp48 antibody (C15200206) The immunoprecipitated RbAp48 protein was detected by western blot with the RbAp48 antibody diluted 1:500.



#### Figure 3. Immunofluorescent analysis

Immunofluorescence analysis of HeLa cells, using RbAp48 (Cat. No. C15200206) antibody at a 1:100 dilution.



#### Figure 4. Western blot

Detection of RbAp48 in HeLa nuclear extract.

#### Diagenode sa. BELGIUM | EUROPE

LIEGE SCIENCE PARK Rue Bois Saint-Jean, 3 4102 Seraing (Ougrée) - Belgium Tel: +32 4 364 20 50 Fax: +32 4 364 20 51 orders@diagenode.com info@diagenode.com

#### Diagenode Inc. USA | NORTH AMERICA

400 Morris Avenue, Suite 101 Denville, NJ 07834 - USA Tel: +1 862 209-4680 Fax: +1 862 209-4681 orders.na@diagenode.com info.na@diagenode.com Last update: September 12, 2014