

## Antibodies Product Datasheet

<b>Product Name:</b>	HP1 $\alpha$ Monoclonal Antibody
<b>Catalog Number:</b>	N0698
<b>Reactivity:</b>	Human, Mouse, Rat, Bovine, Dog, Pig
<b>Applications:</b>	WB, IF/ICC
<b>Dilutions:</b>	Western Blot: 1/1000 - 1/2000. Immunofluorescence: 1/100 - 1/500. Not yet tested in other applications.
<b>Modification:</b>	Unmodified/ Total
<b>Source:</b>	Monoclonal Mouse
<b>Purification:</b>	Affinity purification
<b>Immunogen:</b>	Purified recombinant human HP1 $\alpha$ protein fragments expressed in E.coli.
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	CBX5
<b>Protein Name:</b>	Chromobox protein homolog 5
<b>Other Name:</b>	CBX5; HP1A; Chromobox protein homolog 5; Antigen p25; Heterochromatin protein 1 homolog alpha; HP1 alpha
<b>Human Swiss Prot No.:</b>	P45973
<b>Formulation:</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
<b>Specificity:</b>	HP1 $\alpha$ Monoclonal Antibody detects endogenous levels of HP1 $\alpha$ protein.
<b>Storage and Stability:</b>	-20°C/1 year