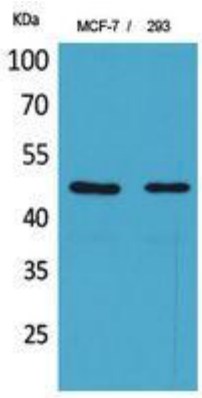
Inhibin β -A Monoclonal Antibody

Catalog No	YP-mAb-16029
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	INHBA
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human INHBA. AA range:377-426
Specificity	Inhibin β-A Monoclonal Antibody detects endogenous levels of Inhibin β-A protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EDF;FRP;Inhibin beta A (INHBA);Inhibin β-A;INHBA;Inhibin beta A chain;Activin beta-A chain;Erythroid differentiation protein
Observed Band	52kD
Calculated Molecular Weight	52kD
Cell Pathway	Secreted.
Tissue Specificity	Dermoid cancer,Eye,Fetal brain,Testis,
Function	function:Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.,online information:Activin entry, similarity:Belongs to the TGF-beta family.,subunit:Dimeric, linked by one or more disulfide bonds. Inhibin A is a dimer of alpha and beta-A. Inhibin B is a dimer of alpha and beta-B. Activin A is a homodimer of beta-A. Activin B is a homodimer

	of beta-B. Activin AB is a dimer of beta-A and beta-B.,
Background	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in human patients. [provided by RefSeq, Aug 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Inhibin β -A Monoclonal Antibody