



## Anti human ER beta mouse monoclonal antibody

ER beta: Estrogen Receptor beta

		Application	/ Pacammandad Car	econtration			
Code No	PP-PPZ0506-00	Application / Recommended Concentration  In order to obtain the best results, optimal working dilutions should be					
		determ	ined by each individua	ai user.			
Clone No.	PPZ0506	Wester	n Blot	1 ug/mL			
Lot.	***	Non red	ducing Western Blot	Not yet tested			
Concentration	1 mg/mL			<u> </u>			
Volume	100 uL	ELISA		0.2 ug/mL (A450=0.1)			
Ig Class	G2b	Immuno	pprecipitation	Decide by use			
Description	Estrogen receptor beta (ERb; NR3A2) is a member of steroid receptor. The natural ligand for ER is the classical estrogenic compound 17b-estradiol. ERb is	Supersi	nift Assay	Not yet tested			
	expressed in granulosa cell layer of primary, secondary and mature follicles in the ovary, in bone, bladder, uterus, testis, epididymis, gastrointestinal tract, kidney,	Chromatin immunoprecipitation Not yet tested					
	breast, heart, vessel wall, immune system, lung, pituitary, hippocampus and hypothalamus. Roles for ERb in the reproductive and cardiovascular systems have been reported, although these are the subject of conflicting reports. ERb has been postulated to act primarily as a modulator of ERa function. ERb has been shown to form homodimers as well as heterodimers with ERa. Both ERa and ERb can give rise to numerous isoforms.	Immuno	Immunohistochemistry Not yet tested				
Nomenclature	NR3A2						
Genbank	AB006590						
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human ER beta (2-88 aa) .	Storage	the solution may be	to one month. For long-term storage, frozen in working aliquots. Repeated g is not recommended. Storage in a not recommended.			
Specificity	This antibody specifically recognizes human ER beta but does not recognize human ER alpha. Not yet tested in other species.	Reference					
Purification	Ammonium sulfate fractionation	Notes					
Formulation	Physiological saline with 0.1% NaN3 as a preservative.	Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.				

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Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited. MADE IN JAPAN

Dec 12, 2007

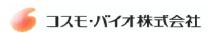


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## Anti human ER & mouse monoclonal antibody

ERβ: Estrogen Receptorβ

製品コード	PP-PPZ0506-00	Application		使用濃度は実験にあわせて至適化が必要です。			
		•	West	ern Blot	可		
	_				参考使用濃度	1 μ g/mL	
Clone No.	PPZ0506		非還	元 Western Blot	未検討		
					参考使用濃度	_	
Lot.	A-2		ELISA	A	可	0.0 / 1 /0.450-0.1)	
ath etc	1mg/mL					0.2 μ g/mL (A450=0.1)	
濃度			免疫沈降		<b>可</b> 参考使用濃度	適宜調製してください	
容量	100µL		Supar	rshift Assay	未検討	旭丑 明表していた。	
			Super	rstillt Assay	参考使用濃度	_	
Ig class	G2b		クロマ	アチン免疫沈降	未検討		
			<i>,</i> – ,	プラル及が四		-	
			免疫	 染色	未検討		
Nomenclature	NR3A2				参考使用濃度	-	
Genebank	AB006590						
由来	ヒト ER β(2-88 aa)の Baculovirus 発現物を免疫 した BALB/c マウスの脾臓細胞と、マウスミエロー						
	マ細胞 (NS-1) を融合して得たハイブリドーマを、						
	BALB/c マウスに接種して得られた腹水。						
特異性	ヒト $\mathrm{ER}\beta$ と特異的に反応する。ヒ $\mathrm{ER}\alpha$ には反応しない。その他の動物種との交差反応は未検討。	保存力	7法 1ヶ月程度の保存の場合は、2~8°Cで保存可能です。長期保存の場合は、抗体を小分けした上で、-20°C以下での保存を				
			お勧めします。また		:、凍結融解を繰り返すと、抗体が劣化し、本 ない場合があるため、お避けください。		
		参考了	ケポ				
		少行)	<b>₹</b> IFIΛ				

備考

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

硫安塩析法

本製品は研究目的のみで使用することができます。人やそのほか動物の疾病診断、治療・予防に使用することはできません。 研究目的以外で使用する場合は、あらかじめ弊社にご相談ください。

MADE IN JAPAN

Dec 12, 2007



精製法

溶媒

【販売元】

生理的食塩水(防腐剤として0.1% NaN3添加)

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して廃棄してください。

溶媒に含まれるNaN3は、鉛や銅と反応し爆発性化合物を形 成する恐れがあります。廃棄の際には大量の水と一緒に希釈

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