

Product Datasheet

Estrogen receptor beta Antibody GRP198

Description	Nuclear hormone receptor. Binds estrogens with an affinity similar to that of ESR1, and activates expression of reporter genes containing estrogen response elements (ERE) in an estrogen-dependent manner. Isoform beta-cx lacks ligand binding ability and has no or only very low ere binding activity resulting in the loss of ligand-dependent transactivation ability. DNA-binding by ESR1 and ESR2 is rapidly lost at 37 degrees Celsius in the absence of ligand while in the presence of 17 beta-estradiol and 4-hydroxy-tamoxifen loss in DNA-binding at elevated temperature is more gradual.	
Species/Host	Rabbit	
Reactivity	Human, Mouse, Rat	
Conjugation	Unconjugated	
Tested Applications	FC, IHC-P, WB	WB of GRP198
Immunogen	KLH conjugated synthetic peptide derived from human ER-beta (public_immunogen_range: 220-270/530)	12%Gel 120kD 85kD
Form/Appearance	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.	58kD 50kD 35kD
Concentration	lug/ul	25kD 20kD
Storage	Store at -20°C for 12 months.	IHC-P of GRP198
Note	For research use only.	
Isotype	lgG	
Clonality	Polyclonal	
Purity	Purified by Protein A.	
Uniprot ID	Q92731	
Entrez	2100	
Dilution Range	WB: 1:300-1000, FC: 1:20-100, IHC-P: 1:200-400	