

Estrogen receptor beta Antibody FITC Conjugated

Catalog No: #C00091F

Package Size: #C00091F 100ul

Description

Product Name	Estrogen receptor beta Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 220-270 530 derived from human ER-beta
Conjugates	FITC
Target Name	Estrogen receptor beta
Other Names	Erb; ESRB; ESTRB; NR3A2; ER-BETA; ESR-BETA; Estrogen receptor beta; Nuclear receptor subfamily 3 group A member 2; ESR2
Accession No.	Swiss-Prot#Q92731NCBI Gene ID2100
Cell Localization	Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.