

## anti- ESR2 antibody

### Product Information

Catalog No.:	FNab02867
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	0A10
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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(PubMed:20074560). 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.

### Immunogen information

Immunogen:	estrogen receptor 2(ER beta)
Synonyms:	ER BETA, Erb, ESR BETA, ESR2, ESRB, ESTRB, estrogen receptor 2 (ER beta), Estrogen receptor beta, NR3A2
Observed MW:	50 kDa
Uniprot ID :	Q92731

### Application

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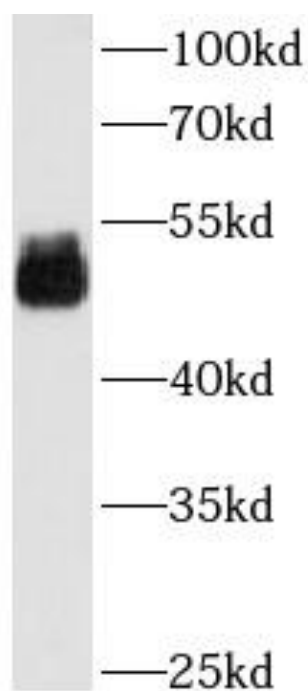
[www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



MCF-7 cells were subjected to SDS PAGE followed by western blot with FNab02867( ESR2 Antibody) at dilution of 1:1000