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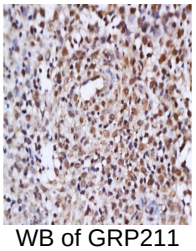
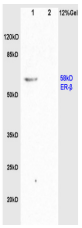
Product Datasheet

Estrogen Receptor alpha + beta Antibody
GRP211

Description	The estrogen receptor (ER) is a 66 kDa protein that mediates the actions of estrogens in estrogen responsive tissues. It is a member of a large superfamily of nuclear hormone receptors that function as ligand activated transcription factors. The ER gene consists of more than 140 kb of genomic DNA divided into 8 exons. These translate into a protein with six functionally discrete domains, labeled A through F. A second form of the estrogen receptor, ER beta has recently been described. The ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti estrogen (e.g. tamoxifen) therapy.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human Estradiol Receptor alpha + beta
Form/Appearance	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Concentration	1ug/ul
Storage	Store at -20°C for 12 months.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by Protein A.
Entrez	**2099, 2100**
Dilution Range	WB: 1:300-1000, IHC-P: 1:200-400


WB of GRP211


IHC-P of GRP211