Recombinant ER-beta-1 (Estrogen Receptor beta-1) Antibody

Rabbit Monoclonal Antibody [Clone ESR2/13859R]

Catalog No	Format	Size
2100-RBM24-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2100-RBM24-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2100-RBM24-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	ESR2/13859R
Immunogen	Recombinant fragment (around aa515-530) of the human Estrogen Receptor beta 1 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	59.22kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Expressed in testis and ovary, and at a lower level in heart, brain, placenta, liver, skeletal muscle, spleen, thymus, prostate, colon, bone marrow, mammary gland and uterus

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant ER-beta-1 (Estrogen Receptor beta-1) Antibody

Specificity & Comments

Nuclear hormone receptor. Binds estrogens with an affinity similar to that of ESR1/ER-alpha, and activates expression of reporter genes containing estrogen response elements (ERE) in an estrogen-dependent manner (PubMed:20074560)., Lacks ligand binding ability and has no or only very low ERE binding activity resulting in the loss of ligand-dependent transactivation ability.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.