

## Product datasheet for **CF805453**

### Estrogen Related Receptor beta (ESRRB) Mouse Monoclonal Antibody [Clone ID: OTI2D7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D7
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-252 of human ESRRB (NP_004443) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	estrogen related receptor beta
Database Link:	<a href="#">NP_004443</a> <a href="#">Entrez Gene 26380 Mouse</a> <a href="#">Entrez Gene 299210 Rat</a> <a href="#">Entrez Gene 2103 Human</a> <a href="#">O95718</a>
Background:	This gene encodes a protein with similarity to the estrogen receptor. Its function is unknown; however, a similar protein in mouse plays an essential role in placental development. [provided by RefSeq, Jul 2008]

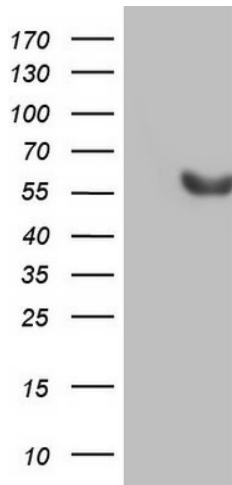


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**Synonyms:** DFNB35; ERR2; ERRb; ESRL2; NR3B2

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ESRRB ([RC215995], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ESRRB. Positive lysates [LY432280] (100ug) and [LC432280] (20ug) can be purchased separately from OriGene.