

Estrogen Receptor alpha antibody [GT9004]

Cat. No. GTX60340

| | |
|---------------------|--|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | WB, IP, ELISA, ChIP assay, Gel supershift assays |
| Reactivity | Human, Mouse |

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|-----------------------|----------------------|
| WB | Assay dependent |
| IP | Assay dependent |
| ELISA | Assay dependent |
| ChIP assay | Assay dependent |
| Gel supershift assays | Assay dependent |

Not tested in other applications.

Calculated MW 66 kDa. ([Note](#))

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Buffer | Ascites |
| Preservative | 0.05% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Immunogen | Human ER alpha (estrogen receptor alpha), using a synthetic peptide. |
| Purification | Unpurified |
| Conjugation | Unconjugated |

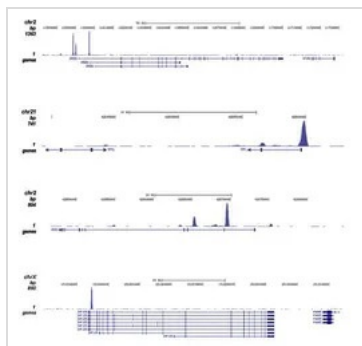
Note

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DATA IMAGES

GTX60340 ChIP assay Image

ChIP analysis of sheared chromatin from MCF7 cells treated for 1 hour with estradiol using GTX60340 Estrogen Receptor alpha antibody [GT9004]. The IP'd DNA was analysed with an Illumina Genome Analyzer. Library preparation, cluster generation and sequencing were performed according to the manufacturer's instructions. The 36 bp tags were aligned to the human genome using the ELAND algorithm. This figure shows the obtained peaks near the TFF1 gene on chromosome 21 (figure 1A), the GREB1 and HAAO genes on chromosome 2 (figure 1B and C), and the ZNF185 gene on the X-chromosome (figure 1D).



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