

Product datasheet for **AM31157PU-N**

AKR1C4 Mouse Monoclonal Antibody [Clone ID: 2C11]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 2C11 |
| Applications: | ELISA, IF, IHC, WB |
| Recommended Dilution: | ELISA. Immunofluorescence: 15 µg/ml. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | AKR1C4 antibody was raised against recombinant protein |
| Specificity: | This antibody reacts to AKR1C4. |
| Formulation: | PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | aldo-keto reductase family 1, member C4 |
| Database Link: | Entrez Gene 1109 Human P17516 |
| Synonyms: | Chlordecone reductase, CDR, CHDR, 3-alpha-HSD1, Dihydrodiol dehydrogenase 4, DD4, DD-4, HAKRA |

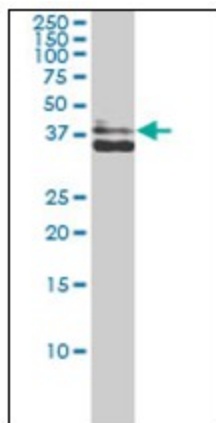


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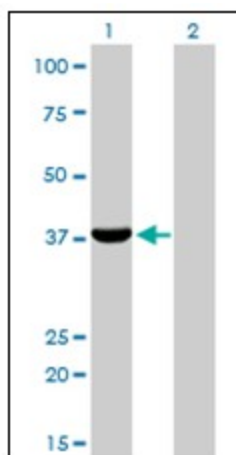
Protein Families: Druggable Genome

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways, Metabolism of xenobiotics by cytochrome P450, Primary bile acid biosynthesis

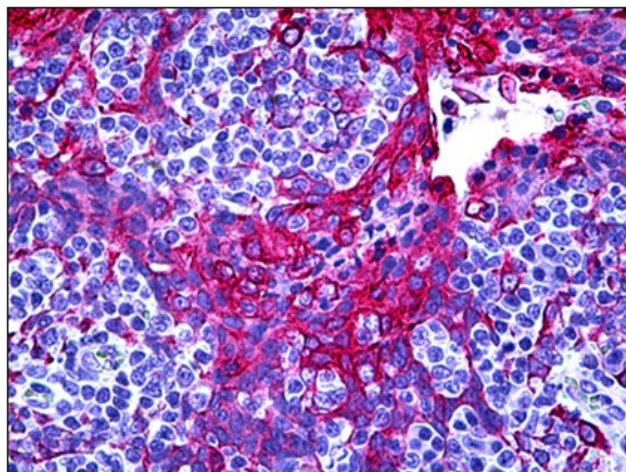
Product images:



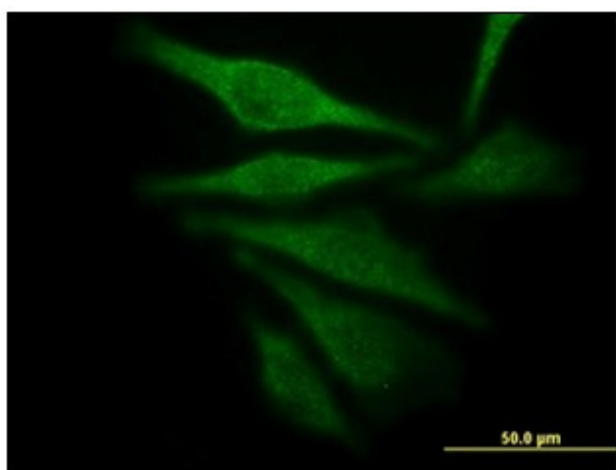
AKR1C4 monoclonal antibody, clone 2C11
Western Blot analysis of AKR1C4 expression in MCF-7.



Western Blot analysis of AKR1C4 expression in transfected 293T cell line by AKR1C4 monoclonal antibody, clone 2C11.



Human Tonsil, Squamous Epithelium: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to AKR1C4 on HepG2 cell. [antibody concentration 15 ug/ml]