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Datasheet for ABIN626031
anti-AKR1C4 antibody (AA 1-324)

2 Images

Overview

Quantity:	50 µg
Target:	AKR1C4
Binding Specificity:	AA 1-324
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Brand:	IHC-plus™
Immunogen:	AKR1C4 (AAH20744, 1 a.a. ~ 324 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Type of Immunogen: Recombinant protein
Clone:	2C11
Isotype:	IgG1 kappa
Specificity:	Human AKR1C4
Purification:	Purified from ascites by Protein A

Target Details

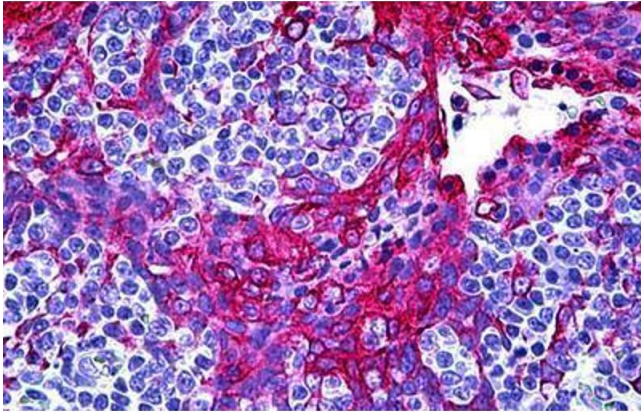
Target:	AKR1C4
Alternative Name:	AKR1C4 / Chlordecone Reductase (AKR1C4 Products)
Background:	Name/Gene ID: AKR1C4 Synonyms: AKR1C4, 3-alpha-HSD, 3-alpha-HSD1, Chlordecone reductase, CDR, CHDR, DD-4, Dihydrodiol dehydrogenase 4, C11, DD4, HAKRA
Gene ID:	1109
UniProt:	P17516
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Approved: ELISA, IF (15 µg/mL), IHC, IHC-P (5 µg/mL), WB Usage: Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Western Blot: Cell lysate, Transfected lysate, Recombinant protein.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

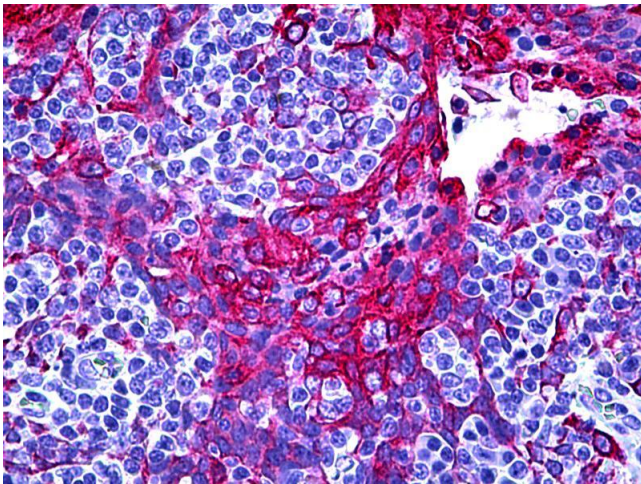
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Tonsil, Squamous Epithelium: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-AKR1C4 antibody IHC of human tonsil, squamous epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.