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Datasheet for ABIN522857

anti-RECQL4 antibody (AA 1-652)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	RECQL4
Binding Specificity:	AA 1-652
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RECQL4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant RECQL4.
Immunogen:	RECQL4 (AAH13277, 1 a.a. ~ 652 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MTRKQRESVL QKIRAAQVHV LMLTPEALVG AGGLPPAAQL PPVAFACIDE AHCLSQWSHN FRPCYLRVCK VLRERMVHC FLGLTATATR RTASDVAQHL AVAEEPDLHG PAPVPTNLHL SVSMRDRTDQ ALLTLLQGKR FQNLDSEIY CNRREDTERI AALLRTCLHA AWPVGSNGRA PKTTAEAYHA GMCSRERRRV QRAFMQGQLR VVVATVAFGM GLDRPDVRAV LHLGLPPSFE SYVQAVGRAG RDGQPAHCHL FLQPQGEDLR ELRRHVHADS TDFLAVKRLV QRVFPACTCT CTRPPSEQEG AVGGERPVPK YPPQAEQLS HQAAPGPRRV CMGHERALPI QLTVQALDMP EEAIETLLCY LELHPHHWLE LLATTYTHCR LNCPGGPAQL QALAHRCPPPL AVCLAQQQLE DPGQGSSSVE FDMVKLVDSM GWELASVRRR LCQLQWDHEP RTGVRRGTGV LVEFSELAFH LRSPGDLTAE EKDQICDFLY GRVQARERQA LARLRRTFQA FHSVAFPCSG PCLEQQDEER

Product Details

STRLLKDLLGR YFEEEEEGQEP GGMEDAQGPE PGQARLQDWE DQVRCDIRQF LSLRPPEEKFS
SRAVARIFHG IGSPCYPAQV YGQDRRFWRK YLHLSFHALV GLATEELLQV AR

Clone:	2G8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	RECQL4
Alternative Name:	RECQL4 (RECQL4 Products)
Background:	Full Gene Name: RecQ protein-like 4 Synonyms: RECQ4
Gene ID:	9401
Pathways:	Chromatin Binding

Application Details

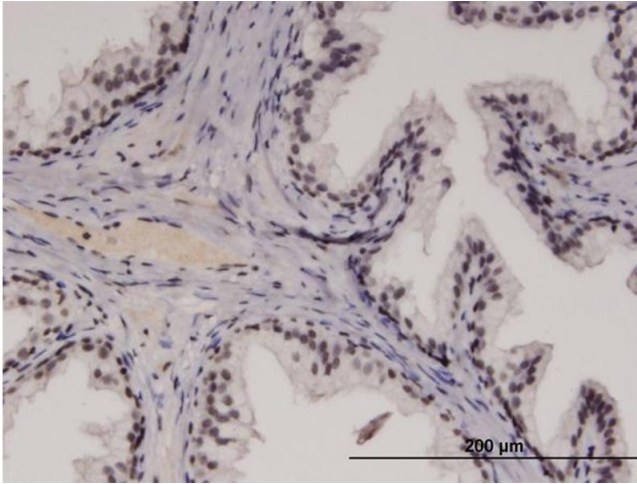
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Lao, Welch, Luo, Carter, Dzieciatkowski, Dintzis, Meza, Sarvetnick, Monnat, Loeb, Grady: "Altered RECQ Helicase Expression in Sporadic Primary Colorectal Cancers." in: Translational oncology , Vol. 6, Issue 4, pp. 458-69, (2013) (PubMed).
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Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to RECQL4 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]