antibodies - online.com







anti-AGR2 antibody (AA 95-124)

Images

Publications

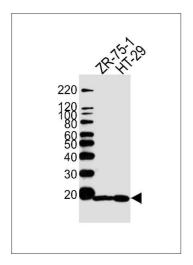


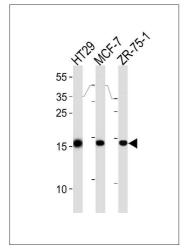
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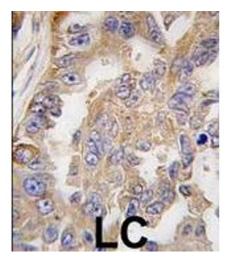
Overview			
Quantity:	400 μL		
Target:	AGR2		
Binding Specificity:	AA 95-124		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This AGR2 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This AGR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 95-124 amino acids from the Central region of human AGR2.		
Clone:	RB13858		
Isotype:	Ig Fraction		
Predicted Reactivity:	Zf, M		
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.		
Target Details			
Target:	AGR2		
Alternative Name:	Anterior Gradient 2 (AGR2) (AGR2 Products)		

Target Details

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Background:	Anterior gradient 2 (AGR2) is known as a cancer cell marker specifically up-regulated in		
	response to depletion of serum and oxygen. AGR2 has been identified as a tumor marker in		
	primary and secondary cancer lesions, and as a marker for detection of circulating tumor cells		
	(CTCs). Elevated levels of AGR2 are known to increase the metastatic potential of cancer cells,		
	but conditions leading to increased expression of AGR2 are not well understood.		
Molecular Weight:	19979		
Gene ID:	10551		
NCBI Accession:	NP_006399		
UniProt:	095994		
Application Details			
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Storage:	4 °C,-20 °C		
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small		
	aliquots to prevent freeze-thaw cycles.		
Expiry Date:	6 months		
Publications			
Product cited in:	Lei, Chen, Huang, Wu, Lin, Lai: "Proteomic analysis of the effect of extracellular calcium ions on		
	human mesenchymal stem cells: Implications for bone tissue engineering." in: Chemico-		







Western Blotting

Image 1. Western blot analysis of lysates from ZR-75-1, HT29 cell line (from left to right), using AGR2 Antibody (Center) (ABIN390227 and ABIN2840704). (ABIN390227 and ABIN2840704) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Western Blotting

Image 2. AGR2 Antibody (Center) (ABIN390227 and ABIN2840704) western blot analysis in HT29,MCF-7,ZR-75-1 cell line lysates (35 μg/lane). This demonstrates the AGR2 antibody detected the AGR2 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with AGR2 antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.