

ARG53743 anti-AGR3 antibody [AGR3.1]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [AGR3.1] recognizes AGR3
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-Fr, IHC-P, WB
Specificity	The clone AGR3.1 recognizes the epitope HETTDKNLS within the AGR3 (AG3) protein (19-20 kDa); a secreted cytoplasmic protein which can serve as a marker of carcinogenesis.
Host	Mouse
Clonality	Monoclonal
Clone	AGR3.1
Isotype	IgG1
Target Name	AGR3
Species	Human
Immunogen	Purified human AGR3 protein
Conjugation	Un-conjugated
Alternate Names	Anterior gradient protein 3 homolog; hAG-3; BCMP11; HAG3; AG-3; Breast cancer membrane protein 11; AG3; PDIA18

Application Instructions

Application table	Application	Dilution
	ICC/IF	1 µg/ml
	IHC-Fr	1 µg/ml
	IHC-P	1 µg/ml
	WB	1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB and ICC/IF: Positive control: T47D. Negative control: H1299 IHC-P and IHC-Fr: Positive tissue: breast cancer	

Properties

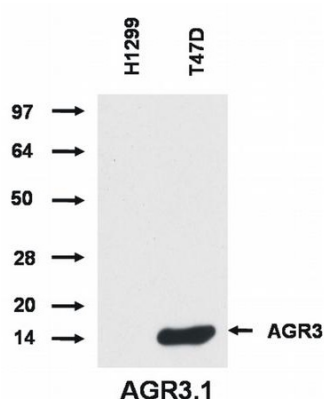
Form	Liquid
Purification	Purified from ascites by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide

Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

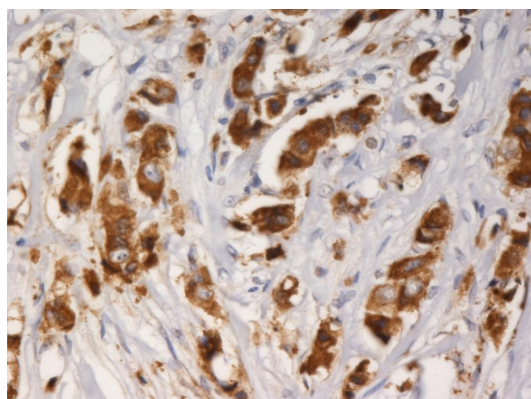
Database links	GeneID: 155465 Human Swiss-port # Q8TD06 Human
Gene Symbol	AGR3
Gene Full Name	anterior gradient 3
Background	AGR3 (Anterior Gradient 3) protein, also known as AG3 (hAG-3, HAG3 in human), or BCMP11, is a secreted cytoplasmic protein which is involved in metastasis induction and p53 tumour suppressor inhibition. It may serve as molecular marker and potential therapeutic target for hormone-responsive breast tumours. Its Xenopus homolog is associated with anteroposterior fate determination during early development.
Research Area	Cancer antibody
Calculated Mw	19 kDa

Images



ARG53743 anti-AGR3 antibody [AGR3.1] WB image

Western blot: 1. H1229 cell lysate, 2. T47D cell lysate stained with ARG53743 anti-AGR3 antibody [AGR3.1].



ARG53743 anti-AGR3 antibody [AGR3.1] IHC-P image

Immunohistochemistry: Paraffin-embedded sections of breast carcinoma stained with ARG53743 anti-AGR3 antibody [AGR3.1].