



Datasheet for ABIN950305
anti-AGR3 antibody (C-Term)



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3 Images

Overview

Quantity:	0.4 mL
Target:	AGR3
Binding Specificity:	AA 126-155, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGR3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 126~155 amino acids from the C-terminal region of Human AGR3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human AGR3 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	AGR3
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Target Details

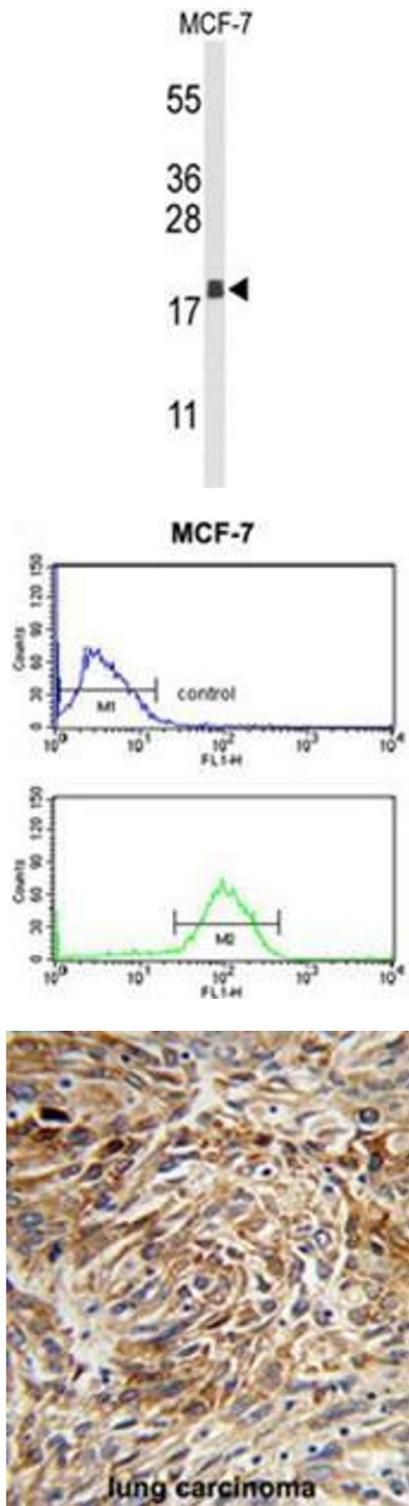
Alternative Name:	AGR3 (AGR3 Products)
Background:	AGR3 (Anterior Gradient 3) protein, also known as AG3 (hAG3, HAG3 in human), or BCMP11, is a secreted cytoplasmic protein which is involved in metastasis induction and p53 tumour suppressor inhibition. It may serve as molecular marker and potential therapeutic target for hormone-responsive breast tumours. Its Xenopus homolog is associated with anteroposterior fate determination during early development. Synonyms: Anterior gradient protein 3 homolog, BCMP11, HAG-3, HAG3, breast cancer membrane protein 11
Gene ID:	155465
NCBI Accession:	NP_789783

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of AGR3 Antibody (C-term) in MCF-7 cell line lysates (35µg/lane). AGR3 (arrow) was detected using the purified Pab.

Flow Cytometry

Image 2. AGR3 Antibody (C-term) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with AGR3 Antibody (C-term), 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.