

Datasheet for ABIN653373  
**anti-AGR3 antibody (C-Term)**



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3 Images

### Overview

Quantity:	400 µL
Target:	AGR3
Binding Specificity:	AA 119-147, 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))

### Product Details

Immunogen:	This AGR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-147 amino acids from the C-terminal region of human AGR3.
Clone:	RB24783
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	AGR3
Alternative Name:	AGR3 ( <a href="#">AGR3 Products</a> )

## Target Details

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**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.

**Molecular Weight:** 19171

**Gene ID:** 155465

**NCBI Accession:** [NP\\_789783](#)

**UniProt:** [Q8TD06](#)

## Application Details

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**Application Notes:** WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

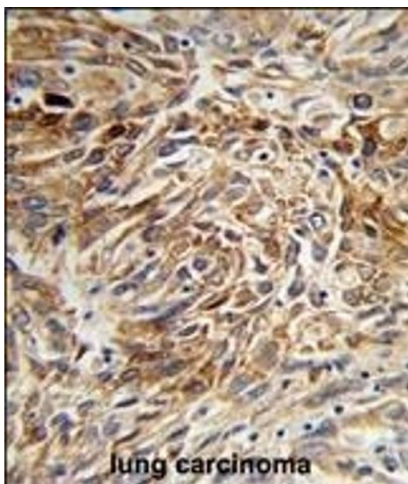
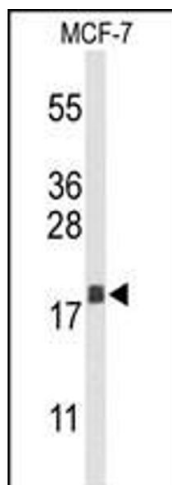
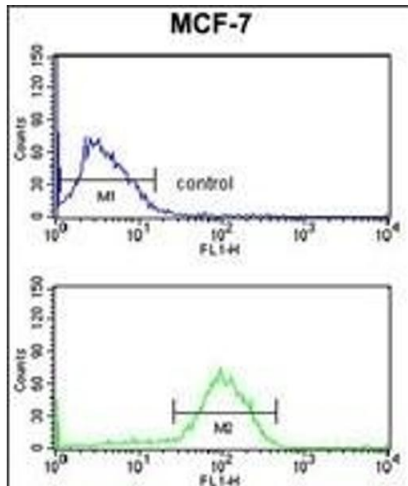
**Preservative:** Sodium azide

**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



### Flow Cytometry

**Image 1.** AGR3 Antibody (C-term) (ABIN653373 and ABIN2842844) 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.

### Western Blotting

**Image 2.** Western blot analysis of AGR3 Antibody (C-term) (ABIN653373 and ABIN2842844) in MCF-7 cell line lysates (35 µg/lane). AGR3 (arrow) was detected using the purified Pab.

### 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.