

## 30-1391: Anti-AGR3 Monoclonal Antibody (Clone:AGR3.1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	AGR3.1
<b>Application :</b>	WB, IHC, IHC-Fr, ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	AGR3
<b>Gene ID :</b>	155465
<b>Uniprot ID :</b>	Q8TD06
<b>Format :</b>	Purified
<b>Alternative Name :</b>	AGR3,BCMP11,PDIA18,UNQ642/PRO1272
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Purified human AGR3 protein

### Description

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.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Western Blotting** *Recommended dilution:* 1 Åµg/ml

*Positive control:* T47D breast cancer cell line

*Negative control:* H1299 lung carcinoma cell line

**Immunohistochemistry** *Recommended dilution:* 1 Åµg/ml

*Positive tissue:* breast cancer

**Immunohistochemistry (frozen sections)** *Recommended dilution:* 1 Åµg/ml

*Positive tissue:* breast cancer

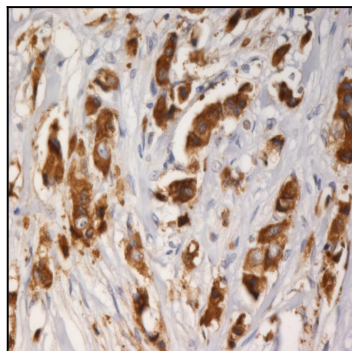


Figure 1: Immunohistochemistry staining of AGR3 with mouse monoclonal AGR3.1 in paraffin-embedded sections of breast carcinoma.

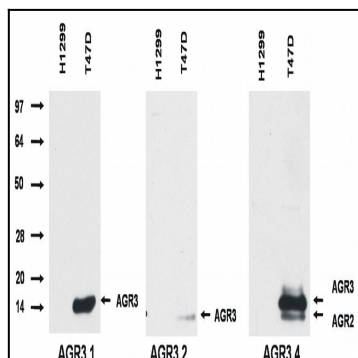


Figure 2: Western blotting analysis of AGR3 protein by AGR3.1 and AGR3.2 antibody, and of AGR3 and AGR2 protein by AGR3.4 antibody in T47D breast cancer cell line compared to H1229 lung carcinoma cell line.