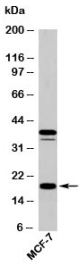
AGR2 Antibody [clone AGR2105] (N1053)

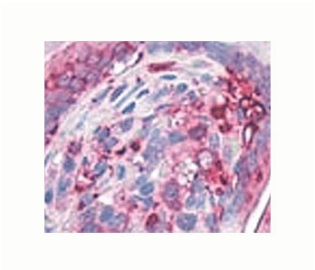
Catalog No.	Formulation	Size
N1053-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1053-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

Bulk quote request

Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	AGR2105
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	10551
Localization	Cytoplasmic
Applications	Western Blot : 4-8ug/ml Immunohistochemistry (FFPE) : 3-5ug/ml
Limitations	This **AGR2 antibody** is available for research use only.



Western blot testing of human samples with AGR2 antibody at 5ug/ml. Expected molecular weight: 17-20 kDa.



IHC testing of human stomach with AGR2 antibody at 4ug/ml.

Description

AGR2 (Anterior gradient protein 2 homolog) is thought to promote breast tumorigenesis and is overexpressed in breast cancer cells. High levels of AGR2 indicate a poor prognosis. This suggests it may serve as a useful prognostic indicator and marker of breast cancer metastasis.

Application Notes

Provided assay concentrations are suggestions only, AGR2 antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the N-terminal region of human AGR2 was used as the immunogen for this antibody.

Storage

Aliquot the AGR2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

anterior gradient 2, AG-2, GOB4