

Anti-AGR3 Purified Monoclonal Antibody

Catalog Number: M05950

About AGR3

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.

Overview

Product Name	Anti-AGR3 Purified Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-AGR3 Purified Monoclonal Antibody (Catalog# M05950). Tested in WB, IHC-P, IHC-F, ICC application(s). This antibody reacts with Human.
Application	IHC-P, IHC-F, ICC, WB
Clonality	Monoclonal AGR3.1
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q8TD06

Technical Details

Immunogen	Purified human AGR3 protein. The antibody 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.
Predicted Reactive Species	Primate
Cross Reactivity	Cross-reactivity with CLIC5b was not determined.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Immunohistochemistry (paraffin sections): 1 ug/ml; positive tissue: breast cancer.

Immunohistochemistry (frozen sections): 1 ug/ml; positive tissue: breast cancer.

Western blotting: 1 ug/ml; positive control: T47D breast cancer cell line, negative control: H1299 lung carcinoma cell line.

Immunocytochemistry: 1 ug/ml; positive control: T47D breast cancer cell line, negative control: H1299 lung carcinoma cell line.

Anti-AGR3 Purified Monoclonal Antibody (M05950) Images

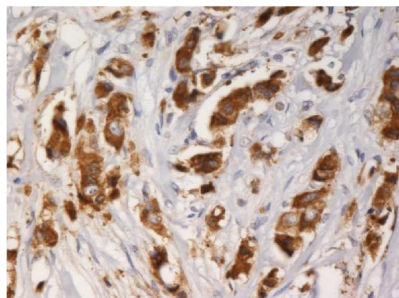


Figure 1. Immunohistochemistry validation of AGR3 using Anti-AGR3 Purified Monoclonal Antibody (M05950).

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

For more protocol information of IHC

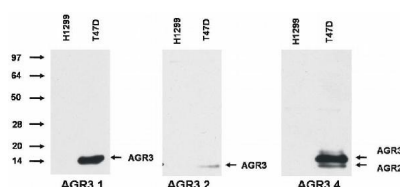


Figure 2. Western blotting validation for Anti-AGR3 Purified Monoclonal Antibody M05950

Western blotting analysis of AGR3 protein by AGR3.1 and AGR3.2 antibody

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