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30-1393: Anti-AGR2+AGR3 Monoclonal Antibody (Clone:AGR3.4)

Clonality :	Monoclonal
Clone Name :	AGR3.4
Application :	WB
Reactivity :	Human
Gene :	AGR2
Gene ID :	10551
Uniprot ID :	O95994
Format :	Purified
Alternative Name :	HPC8, Secreted cement gland protein XAG-2 homolog
Isotype :	Mouse IgG1
Immunogen Information :	Purified human AGR3 protein

Description

AGR2 (Anterior Gradient 2), also known as AG2 (hAG-2, HAG2 in human), or GOB-4, and AGR3 (Anterior Gradient 3), also known as AG3 (hAG-3, HAG3 in human), or BCMP11, are secreted cytoplasmic proteins which are involved in metastasis induction and p53 tumour supressor inhibition. They may serve as molecular markers and potential therapeutic targets for hormone-responsive breast tumours; AGR2 was reported also as a marker of other carcinomas. Xenopus homolog of these proteins is associated with anteroposterior fate determination during early development.

Product Info

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

Application Note

Western Blotting *Recommended dilution:* 1 µg/ml
Positive control: T47D breast cancer cell line
Negative control: H1299 lung carcinoma cell line
Immunohistochemistry *Recommended dilution:*5 µg/ml
*Positive tissue:*human colon

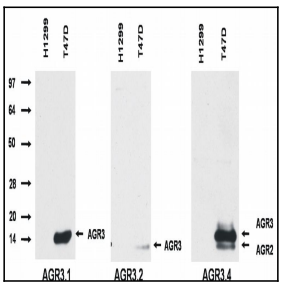

Figure 1: Western blotting analysis of AGR3 protein by AGR3.1 and AGR3.2 antibody, and of AGR3 and AGR2 protein by AGR3.4 antibody in T47D breast cancer cell line compared to H1229 lung carcinoma cell line.

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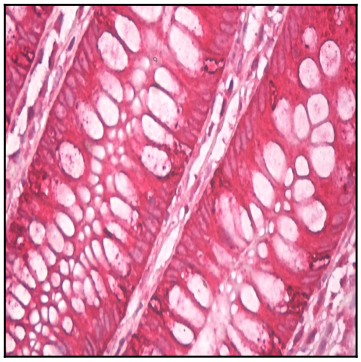

Figure 2: Immunohistochemistry staining of human colon (paraffin sections) using anti-AGR2+AGR3 (clone AGR3.4).