Anti-AGR2 monoclonal antibody, clone 2F6 (CABT-19262MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description

Anterior gradient homolog 2 (AGR2) is a human protein originally discovered in Xenopus laevis, encoded for by the gene of the same name. In Xenopus AGR2 plays a role in cement gland differentiation, however in human cancer cell lines high levels of AGR2 correlate with downregulation of the p53 response and AGR2 levels are elevated in the preneoplastic tissue Barrett’s oesophagus.

Mouse monoclonal antibody raised against a full-length recombinant AGR2.

Immunogen

AGR2 (AAH15503, 1 a.a. ~ 176 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Isotype

IgG2b

Source/Host

Mouse

Species Reactivity

Human

Clone

2F6

Conjugate

Unconjugated

Applications

WB,sELISA,ELISA

Sequence Similarities

MEKIPVSAFLLLVALSYTLARDTTVKPGAKKDTKDSRPKLPQTLSRGWGDLIWTQTYEELALKSKTSNKPLMIHHDECPSQALKVFAENKEIQKLAEQFVLLNLVYETTDKHLSPDGQYVPRIMFVDPSLTVRADITGRYSNRLYAYEPADTALLLDNMKKALKLKTE

Size

50 μg

Buffer

In 1x PBS, pH 7.2

Preservative

None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
<table>
<thead>
<tr>
<th><strong>Gene Name</strong></th>
<th>AGR2 anterior gradient homolog 2 (Xenopus laevis) [Homo sapiens]</th>
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<tr>
<td><strong>Official Symbol</strong></td>
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<td><strong>Synonyms</strong></td>
<td>anterior gradient homolog 2 (Xenopus laevis); GOB-4; AG2; OTTHUMP00000201755; HAG-2; OTTHUMP00000201757; PDIA17; anterior gradient 2 homolog; XAG-2; anterior gradient protein 2 homolog; Secreted cement gland protein XAG-2 homolog; protein disulfide isomerase family A, member 17; AG-2; secreted cement gland homolog; HPC8; anterior gradient 2 homolog (Xenopus laevis); OTTHUMP00000116014</td>
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