

## 12-90477: Anti-AGR2 antibody(2F4), Rabbit mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	2F4
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Unconjugated
<b>Gene :</b>	AGR2
<b>Uniprot ID :</b>	O95994
<b>Alternative Name :</b>	AG-2;hAG-2;HPC8
<b>Isotype :</b>	Rabbit mAb

### Description

This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This protein plays a role in cell migration, cellular transformation and metastasis and is as a p53 inhibitor. As an ER-localized molecular chaperone, it plays a role in the folding, trafficking, and assembly of cysteine-rich transmembrane receptors and the cysteine-rich intestinal glycoprotein mucin. This gene has been implicated in inflammatory bowel disease and cancer progression. [provided by RefSeq, Mar 2017]

### Product Info

<b>Amount :</b>	100 µg / 10 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
<b>Storage condition :</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

### Application Note

ELISA 1/5000-10000

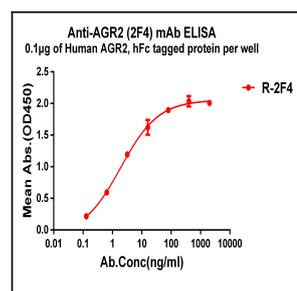


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human AGR2 Protein can bind Rabbit anti-AGR2 monoclonal antibody(clone: 2F4) in a linear range of 1-50 ng/ml.