**YBC285Hu71**

**Biotin-Linked Antibody to Anterior Gradient Protein 2 (AGR2)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

**FOR IN VITRO USE AND RESEARCH USE ONLY**

**NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

**9th Edition (Revised in Jul, 2013)**

# [ PRODUCT INFORMATION ]

**Immunogen: AGR2, Human**

**Clonality: Monoclonal**

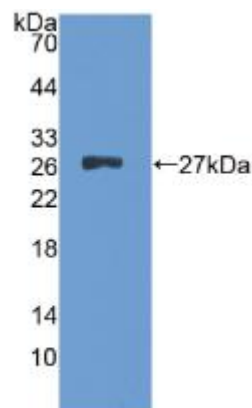**Conjugation: Biotin**

**Clone number: F5**

**Host: Mouse**

**Immunoglobulin Type: IgG**

**Purification: Affinity Chromatography.**

**Applications: WB, ICC, IHC-P, IHC-F, ELISA**

**Concentration: 200µg/mL**

**UOM: 200µg**

*Sample: Recombinant AGR2, Human*

# [ IMMUNOGEN INFORMATION ]

**Immunogen: Recombinant AGR2 (Arg21~Leu175) expressed in *E.coli*.**
**Accession No.: RPC285Hu01**
**Sequence: The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.**

**MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-RDTTVKPGAK KDTKDSRPKL PQTLSRGWGD QLIWTQTYEE ALYKSKTSNK PLMIIHHLDE CPHSQALKKV FAENKEIQKL AEQFVLLNLV YETTDKHLSP DGQYVPRIMF VDPSLTVRAD**

**ITGRYSNRLY AYEPADTALL LDNMKKALKL LKTEL**

# [ ANTIBODY SPECIFITY ]

Anti AGR2 is a mouse monoclonal antibody raised against AGR2. It has been selected for its ability to recognize AGR2 in immunohistochemical staining and western blotting.

# [ APPLICATIONS ]

Western blotting: 1:100-400
Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

# [ CONTENTS ]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN$_3$, 50% glycerol.

# [ STORAGE ]

Store at 4$^O$C for frequent use. Stored at -20$^O$C to -80$^O$C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.