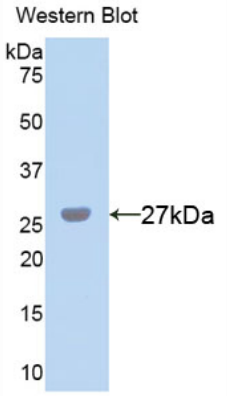
PAB463Hu81
FITC-linked Antibody to Glycoprotein 39, Cartilage (GP39)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: GP39, Human
Conjugation: FITC
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200μg/mL
UOM: 50μg



Sample: Recombinant GP39, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant GP39 (Asn112~Lys377) expressed in *E.coli*.
USCN Accession No.: RPB463Hu01
Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.
MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGS-NTQSRRTFI KSVPPFLRTH GFDGLDLAWL YPGRRDKQHF TTLIKEMKAE FIKEAQPGKK QLLLSAALSA GKVTIDSSYD IAKISQHLDF ISIMTYDFHG AWRGTTGHHS PLFRGQEDAS PDRFSNTDYA VGYMLRLGAP ASKLVMGIPT FGRSFTLASS ETGVGAPISG PGIPGRFTKE AGTLAYYEIC DFLRGATVHR ILGQQVPYAT KGNQWVGYDD QESVKSKVQY LKDRQLAGAM VWALDLDDFQ GSFCGQDLRF PLTNAIK

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against GP39. It has been selected for its ability to recognize GP39 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.
Note: *As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.*