
RHAMM Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254430

Unit: 0.1 mg

Description:

The hyaluronan-mediated motility receptor, also known as RHAMM, was initially identified as a soluble protein that could be released by sub-confluent migrating cells, promoting cell motility and invasion via interactions with hyaluronan (HA) and the cell surface. While RHAMM is normally poorly expressed in most normal tissues and is not required for embryonic development or normal cell homeostasis functions, its expression is increased during wound repair in response to hypoxia and fibrogenic factors. However, its overexpression is transforming in multiple types of cancers and is required for maintaining RAS transformation. RHAMM associates with BRCA1 and BARD1, attenuating the mitotic-spindle-promoting activity of RHAMM, which may contribute to tumor progression by promoting genomic instability.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Hyaluronan mediated motility receptor; HMMR;CD168; IHABP

Accession No.: NP_036617

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human RHAMM.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.