



Meridian

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CERTIFICATE OF ANALYSIS

Catalog #: K55170M **Lot #:** 4G20515

Description: MAb to IGF-Ir
Monoclonal Antibody to Insulin Growth Factor I Receptor (IGF-Ir)

Specificity: Specific for the human IGF-1 receptor, and recognizes the alpha subunit. Inhibits binding of IGF-1 and IGF-2; inhibits cell growth.

Clone: 1H7

Host Animal: Mouse **Isotype:** IgG₁, kappa

Immunogen: Purified human placental IGF-1 Receptors.

Format: Purified, Liquid

Purification: Protein G Chromatography

Concentration: 1.4 mg/mL (OD280nm)

Buffer: PBS, pH 7.4

Preservative: None

Applications: Use in research studies to delineate signal transduction pathways specific for IGF's and for detecting IGF-1 receptors in crude samples. Can recognize the IGF-1 alpha subunit on immunoblots.

Storage: Store at -20°C to -70° C. Aliquot to avoid multiple freeze/thaw cycles.

Reference: The reference listed below is for research purposes only:
Xiong et al. (1992) Proc Natl Acad Sci USA **89**: 5356.

Signature

24 Jul 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY