

GLI1 (L42B10) Mouse mAb (Sepharose[®] Bead Conjugate)

Orders: 877-616-CELL (2355)
orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id:
IP	H	Endogenous	160	Mouse IgG1	#P08151	2735
Product Usage Information	Application		Dilution			
	Immunoprecipitation		1:20			
Storage	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol. Store at -20°C. Do not aliquot the antibodies.					
Specificity/Sensitivity	GLI1 (L42B10) Mouse mAb (Sepharose [®] Bead Conjugate) recognizes endogenous levels of total GLI1 protein.					
Source / Purification Description	Monoclonal antibody is produced by immunizing animals with a recombinant human GLI1 protein. This Cell Signaling Technology antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated Sepharose [®] beads. GLI1 (L42B10) Mouse mAb (Sepharose [®] Bead Conjugate) is useful for the immunoprecipitation of GLI1. The antibody is expected to exhibit the same species cross-reactivity as the unconjugated GLI1 (L42B10) Mouse mAb #2643.					
Background	GLI was first identified as a gene amplified in a malignant glioma (1) capable of transforming primary cells in cooperation with adenovirus E1A (2). GLI belongs to the Krüppel family of zinc finger proteins that includes three mammalian GLI proteins: GLI1, GLI2, and GLI3 (3). These GLI proteins are similar to the <i>Drosophila</i> homolog Cubitus interruptus (Ci) and function as transcription factors activated by the Hedgehog signaling pathway. Hedgehog signaling plays an important role in animal development, and research studies have shown that this pathway is aberrantly activated in many types of cancers (4,5).					
Background References	<ol style="list-style-type: none"> 1. Kinzler, K.W. et al. (1987) <i>Science</i> 236, 70-3. 2. Ruppert, J.M. et al. (1991) <i>Mol Cell Biol</i> 11, 1724-8. 3. Kinzler, K.W. et al. (1988) <i>Nature</i> 332, 371-4. 4. Ingham, P.W. and McMahon, A.P. (2001) <i>Genes Dev</i> 15, 3059-87. 5. McMahon, A.P. et al. (2003) <i>Curr Top Dev Biol</i> 53, 1-114. 					

Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key **IP:** Immunoprecipitation

Cross-Reactivity Key **H:** Human

Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not

sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.