Human RUNX2/CBFA1 Alexa Fluor® 750-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # 232902

Catalog Number: FAB2006S

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human RUNX2/CBFA1.
Source	Monoclonal Rat IgG_{2B} Clone # 232902
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human RUNX2/CBFA1 isoform 2 Lys233-Tyr418 Accession # Q13950
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CBFA1, also called runt-related transcription factor 2 (RUNX2), is an essential transcription factor for the regulation of osteoblast differentiation (1). The CBFA1 gene potentially encodes several proteins that differ in their N-terminal sequences and transactivation capacities (2).

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475