

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Brachyury in direct ELISAs.
Source	Monoclonal Rabbit IgG Clone # 1161B
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Brachyury Met230-Met435 Accession # O15178
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

Brachyury is a 435 aa T-box family transcription factor. Human Brachyury shares 90% and 91% aa identity with mouse and rat Brachyury, respectively. It is required in the early determination and differentiation of mesoderm. Additionally, expression of Brachyury has been shown to be upregulated in a number of cancers, and in some cases, correlates with increased aggressiveness.

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