abcam

Product datasheet

Anti-CFC1 antibody [MM0205-8D12] ab89193

Overview

Product name	Anti-CFC1 antibody [MM0205-8D12]
Description	Mouse monoclonal [MM0205-8D12] to CFC1
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Human recombinant CFC1
General notes	Reconstituted antibody should be aliquoted and can be stored frozen at < -20°C for at least for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Properties

Form	Lyophilised:Reconstitute the antibody with 200 µl sterile PBS to give a final concentration of 0.5mg/ml.
Storage instructions	Shipped at 4°C. Store at -80°C.
Storage buffer	Preservative: None Constituents: PBS
Purity	Protein G purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein G affinity chromatography.
Clonality	Monoclonal
Clone number	MM0205-8D12
Isotype	IgG1

Applications

Our Abpromise guarantee covers the use of **ab89193** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 25 kDa.

Target

Target

Function	NODAL coreceptor involved in the correct establishment of the left-right axis. May play a role in mesoderm and/or neural patterning during gastrulation.
Involvement in disease	Heterotaxy, visceral, 2, autosomal (HTX2) [MIM:605376]: A form of visceral heterotaxy, a complex disorder due to disruption of the normal left-right asymmetry of the thoracoabdominal organs. Visceral heterotaxy or situs ambiguus results in randomization of the placement of visceral organs, including the heart, lungs, liver, spleen, and stomach. The organs are oriented randomly with respect to the left-right axis and with respect to one another. It can been associated with variety of congenital defects including cardiac malformations. Note=The disease is caused by mutations affecting the gene represented in this entry. Transposition of the great arteries dextro-looped 2 (DTGA2) [MIM:613853]: A congenital heart defect consisting of complete inversion of the great vessels, so that the aorta incorrectly arises from the right ventricle and the pulmonary artery incorrectly arises from the left ventricle. This creates completely separate pulmonary and systemic circulatory systems, an arrangement that is incompatible with life. The presence or absence of associated cardiac anomalies defines the clinical presentation and surgical management of patients with transposition of the great arteries. Note=The disease is caused by mutations affecting the gene represented in this entry. Conotruncal heart malformations (CTHM) [MIM:217095]: A group of congenital heart defects involving the outflow tracts. Examples include truncus arteriosus communis, double-outlet right ventricle and transposition of great arteries. Truncus arteriosus communis is characterized by a single outflow tract instead of a separate aorta and pulmonary artery. In transposition of the great arteries, the aorta arises from the right ventricle and the pulmonary artery from the left ventricle. In double outlet of the right ventricle, both the pulmonary artery and aorta arise from the right ventricle. Note=The disease is caused by mutations affecting the gene represented in this entry.
Sequence similarities	Contains 1 EGF-like domain.
Post-translational modifications	N-glycosylated.
Cellular localization	Cell membrane. Secreted. Does not exhibit a typical GPI-signal sequence. The C-ter hydrophilic extension of the GPI-signal sequence reduces the efficiency of processing and could lead to the production of an secreted unprocessed form. This extension is found only in primates.

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