

## Product Data Sheet: Phospho-RyR-2 (S2815)

**Cat. No:** ABP-0624

Conjugate: Unconjugated

Size: 100 ug

Clone: Poly

Concentration: 1mg/ml

Host: Rb

Isotype: IgG

**Immunogen:** A phospho specific peptide corresponding to residues surrounding Ser2815 of

human RYR2.

**Reactivity:** Hu

**Applications:** WB 1:1000 **Molecular Weight:** 565kDa

**Purification:** Affinity purification

**Synonyms:** Ryanodine receptor 2, ARVC2;ARVD2;RYR-2;RyR;VTSIP

This gene encodes a ryanodine receptor found in cardiac muscle sarcoplasmic reticulum. The encoded protein is one of the components of a calcium channel, composed of a tetramer of the ryanodine receptor proteins and a tetramer of FK506 binding protein 1B proteins, that supplies calcium to cardiac muscle.

Mutations in this gene are associated with stress-induced polymorphic ventricular

tachycardia and arrhythmogenic right ventricular dysplasia.

Form: liquid

**Background:** 

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles